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**Curriculum Assignment award degree master and doctoral**

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**Name : tshingombe tshitadi fiston.....**

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justice development court and labor relations  
conciliation mediation, Engineering electrical trade  
research policy skill ,safety security order  
develop ,defense order.....**

**2.1 Thesis. Degree honor, council quality rules low  
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develop ,defense order.....**

**Thesis. Degree honour, council quality rules low become  
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Edge Computing for Renewable Energy Integration.....		
Data Management and Security in Edge Computing.....		
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Simulation and Modeling in CPS.....		
Applications and Case Studies of CPS.....		
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Curriculum Design for Adult Learners.....		

<b>Assessment and Evaluation in Adult Education.....</b>		
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<b>Quantum Algorithms.....</b>		
<b>Quantum Gates and Circuits.....</b>		
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<b>Quantum Programming Languages.....</b>		
<b>Applications of Quantum Computing in Systems Engineering.....</b>		
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<b>Cognitive Load Theory and Neurotechnology.....</b>		
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<b>Case Studies in Neurotechnology Education.....</b>		
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<b>Data Collection and Analysis in Electrochemical Systems .....</b>		

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<b>Case Studies and Industry Applications.....</b>		
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<b>Designing Interactive Learning Modules.....</b>		
<b>Gamification in Renewable Energy Education.....</b>		
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<b>Assessing Learner Outcomes in Technology-Driven Curriculum.....</b>		
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<b>Wholesale Trade Management in Industrial Engineering .....</b>		
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<b>Supply Chain Dynamics.....</b>		
<b>Inventory Control Methods.....</b>		
<b>Logistics and Distribution.....</b>		
<b>Procurement Strategies.....</b>		
<b>Market Analysis and Forecasting.....</b>		
<b>Risk Management in Wholesale Trade.....</b>		
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<b>Advanced Wireless Communications.....</b>		
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<b>Wireless Signal Propagation.....</b>		
<b>Multiple Access Techniques.....</b>		
<b>Wireless Networking and Protocols.....</b>		
<b>Cellular Systems and 5G.....</b>		

<b>Antenna Theory and Design.....</b>	
<b>Wireless Security.....</b>	
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<b>Advanced Electrical Engineering in Construction and Civil Engineering.....</b>	
<b>Fundamentals of Electrical Systems in Construction.....</b>	
<b>Electrical Safety Standards and Codes.....</b>	
<b>Integration of Electrical Systems in Building Design.....</b>	
<b>Sustainable and Renewable Energy Technologies.....</b>	
<b>Smart Grids and Intelligent Networks.....</b>	
<b>Electrical System Design and Simulation.....</b>	
<b>Power Quality and Energy Management.....</b>	
<b>Electrical Systems in Infrastructure Projects.....</b>	
<b>Electrical Systems in Construction and Civil Engineering .....</b>	
<b>Introduction to Electrical Systems in Construction.....</b>	
<b>Power Distribution in Buildings.....</b>	
<b>Lighting Systems and Design.....</b>	
<b>Electrical Safety Standards and Regulations.....</b>	
<b>Sustainability in Electrical Engineering.....</b>	
<b>Smart Buildings and IoT Integration.....</b>	
<b>Electrical Load Analysis and Estimation.....</b>	
<b>Integration of Renewable Energy Sources.....</b>	
<b>Project Management in Electrical Engineering.....</b>	
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<b>Electrical Infrastructure Design and Management.....</b>	
<b>Smart Grids and IoT Applications.....</b>	
<b>High Voltage Engineering.....</b>	
<b>Project Management in Electrical Engineering.....</b>	
<b>Energy Policy and Ethical Considerations.....</b>	

<b>Sustainable Electrical Engineering Practices.....</b>			
<b>Admission Ready - Completing your application - Atlantic International University.....</b>			
<b>Roberto Aldrett - AIU.....</b>			
<b>tshingombe tshitadi.....</b>			
<b>Masters /engineering.....</b>			
<b>About Me.....</b>			
<b>Name.....</b>			
<b>Follow Me On.....</b>			
<b>My Education .....</b>			
<b>Work Experience .....</b>			
<b>Skills .....</b>			
<b>Professional Skills.....</b>			
<b>My Interests &amp; Hobbies .....</b>			
<b>Engineering electrical assessment career but sustainability.....</b>			
<b>Some of my work &amp; Certifications .....</b>			
<b>Some Works.....</b>			
<b>Thesis &amp; Publications .....</b>			
<b>Contact.....</b>			
<b>Send me a message.....</b>			
<b>Thank You!.....</b>			
<b>Student name : tshingombe tshitadi.....</b>			
<b>4.1 .12.15..1 topics :.....</b>			
<b>1 AGI in Human-Machine Collaboration.....</b>			
<b>Future Scenarios of AGI Development.....</b>			
<b>4.1 .12.15..1.10online Retail and E-commerce in the Renewable Energy Sector.....</b>			
<b>1.2 Introduction to E-commerce in the Renewable</b>			

<b>Energy Sector.....</b>		
<b>1.3 Understanding the Renewable Energy Market.....</b>		
<b>Targeted, flexible and co-ordinated policies can unlock     the potential of e-commerce.....</b>		
<b>1.4. E-commerce Strategies for Renewable Energy Products.....</b>		
<b>1.4 Consumer Behavior in Online Retail.....</b>		
<b>3.1 Electric power B2B descriptions.....</b>		
<b>3.2 Notations.....</b>		
<b>1.5 Digital Marketing for Renewable Energy E-commerce .....</b>		
<b>1.6. Sustainable Practices in E-commerce.....</b>		
<b>1.7 Case Studies in Renewable Energy E-commerce:.....</b>		
<b>3.3 Fusion of behavioral data.....</b>		
<b>3.4 Fusion of item attribute information.....</b>		
<b>3.5 Fusion of behavioral data and item information.....</b>		
<b>1.8 Regulatory Environment for Online Retail in Renewable Energy:.....</b>		
<b>Experiments and discussion.....</b>		
<b>4.1 Data descriptions.....</b>		
<b>1.9 Future Trends in Online Retail and Renewable Energy.....</b>		
<b>Future Research Frontiers in AI for the E-commerce Sector.....</b>		
<b>4.1 .12.15..2.1Publishing and Natural Resources Management:.....</b>		
<b>4.1 .12.15.2.2 Introduction to Sustainable Natural Resources Management:.....</b>		
<b>This topic covers the fundamental principles of sustainable natural resource management and its importance for future generations. Challenges in natural resource management for ecological sustainability.....</b>		
<b>2.3.1 Resource planning strategy and ownership regime.....</b>		

2.3 The Role of Publishing in Sustainability:.....	
2.4 Environmental Journalism and Communication.....	
2.5 Digital Publishing and New Media.....	
2.6 Content Creation for Natural Resource Management .....	
2.2. New journals on SDG-relevant topics.....	
2.8 Sustainable Practices in Publishing:.....	
2.9. Case Studies in Effective Sustainability Communication:.....	
3.3. Equity recommended.....	
4. Translating research into practice.....	
4.1. Cognitive accessibility.....	
4.1 .12.15..3.1 Masters in Supply Chain Management and Traceability.....	
3.2 Introduction to Supply Chain Management.....	
between functions within their own companies, but also with other An Introduction to Supply Chain Management .....	
3.3. Principles of Traceability.....	
3.4 Software Engineering Basics:.....	
3.5 Supply Chain Digitalization.....	
3.6 Data Management in Supply Chains.....	
3.7 Blockchain for Supply Chain Traceability.....	
IoT and Smart Supply Chains.....	
3.8 Security and Privacy in Supply Chain Software:.....	
3.9 Case Studies and Real-world Applications.....	
4.1 .12.15..4.1 Social Media Marketing for Real Estate, Rental, and Leasing.....	
4.1 Social Media Marketing for Real Estate, Rental, and Leasing.....	
4.2 Introduction to Social Media Marketing.....	
4.2 Introduction to Social Media Marketing.....	
Understanding the basic concepts of social media marketing and its importance in the real estate, rental, and leasing sectors.: Understanding the Basic	



<b>Concepts of Social Media Marketing.....</b>	
<b>Importance of Social Media Marketing in Real Estate, Rental, and Leasing.....</b>	
<b>4.3 Target Audience Analysis.....</b>	
<b>4.4 Content Creation for Real Estate.....</b>	
<b>Strategies for creating compelling content that attracts and retains the interest of potential clients on social media.: Target Audience Analysis for Real Estate, Rental, and Leasing on Social Media.....</b>	
<b>4.5 Platform-Specific Strategies:.....</b>	
<b>Learning to tailor marketing strategies for different social media platforms such as Facebook, Instagram, and LinkedIn.: Platform-Specific Strategies for Social Media Marketing.....</b>	
<b>4.6 Social Media Advertising:.....</b>	
<b>Engagement and Community Building:.....</b>	
<b>Metrics and Analytics: Engagement and Community Building.....</b>	
<b>Case Studies and Best Practices.....</b>	
<b>4.6 Case Studies and Best Practices.....</b>	
<b>.4.1 .12.15,,5.1 Advanced Telemedicine and Remote Healthcare Production.....</b>	
<b>5.2 Introduction to Telemedicine and Remote Healthcare: Advanced Telemedicine and Remote Healthcare Production.....</b>	
<b>5.3 Television and Radio Production Essentials:.....</b>	
<b>5.4 Medical Narrative and Storytelling.....</b>	
<b>Crafting compelling stories that communicate complex healthcare concepts effectively to a diverse audience.: 5.3 Television and Radio Production Essentials.....</b>	
<b>5.6 Remote Healthcare Technologies and Innovations: .....</b>	
<b>5.9 Audience Engagement and Feedback in Healthcare Broadcasting.....</b>	
<b>5.11 Future Trends in Telemedicine and Media Integration.....</b>	

<b>4.1 .12.15.6.1 Technical Writing for Technology.....</b>		
<b>6.2 Introduction to Technical Writing.....</b>		
<b>6.3 Understanding Your Audience:.....</b>		
<b>6.9 Editing and Proofreading: Editing and Proofreading.....</b>		
<b>6.10 Ethics in Technical Writing.....</b>		
<b>6.10 Ethics in Technical Writing.....</b>		
<b>6.12 Effective Communication in Teams.....</b>		
<b>4.1 .12.15.7.1.Masters in Vertical Farming and Urban Agriculture with Focus on Synthetic Biology.....</b>		
<b>7.2Introduction to Vertical Farming and Urban Agriculture.....</b>		
<b>7.3.Fundamentals of Synthetic Biology.....</b>		
<b>Study the basic principles of synthetic biology, including DNA sequencing, genetic engineering, and how these tools are used to optimize plant growth.: Fundamentals of Synthetic Biology.....</b>		
<b>7.4..Applications of Synthetic Biology in Urban Agriculture.....</b>		
<b>7.6Design of Vertical Farming Systems.....</b>		
<b>7.7Integration of Biotechnology in Crop Production.....</b>		
<b>7.8.Environmental and Economic Impacts of Urban Agriculture.....</b>		
<b>7.9.Regulatory and Ethical Considerations in Synthetic Biology.....</b>		
<b>7.10Future Trends in Vertical Farming and Synthetic Biology.....</b>		
<b>4.1 .12.15..8.Master's in Urban Water Supply, Sewerage, Waste Management, and Remediation Activities.....</b>		
<b>8.2.Introduction to Urban Water Supply Systems.....</b>		
<b>8.3 Sewerage Systems Design and Manage.....</b>		
<b>8.3.Sewerage Systems Design and Management.....</b>		
<b>Learn about the engineering, design, and operational management of urban sewerage systems, focusing on sustainable practices and innovations in waste treatment and resource recovery.: Sewerage Systems</b>		

<b>Design and Management.....</b>		
<b>8.4.Urban Waste Management Strategies.....</b>		
<b>8.5.Remediation Activities and Technologies.....</b>		
<b>8.6.Policy and Regulation in Urban Water and Waste .....</b>		
<b>8.7.Climate Change and its Impact on Water and Waste Management.....</b>		
<b>8.8..Sustainable Innovations in Water and Waste Systems.....</b>		
<b>4.1 .12.15..9.1.Transportation and Warehousing in Tourism Planning and Development.....</b>		
<b>9.2..Introduction to Tourism Logistics.....</b>		
<b>9.3...Transportation Infrastructure in Tourism.....</b>		
<b>9.4..Role of Warehousing in Tourism.....</b>		
<b>9.5..Sustainable Transport Solutions.....</b>		
<b>9.6..Tourism Supply Chain Management.....</b>		
<b>9.7.Policy and Regulations in Tourism Transport.....</b>		
<b>9.8.Innovations in Tourism Warehousing.....</b>		
<b>Investigates recent technological advancements in warehousing that support tourism industry needs. 9.8 Innovations in Tourism Warehousing.....</b>		
<b>9.9..Case Studies on Tourism and Logistics.....</b>		
<b>4.1 .12.15.10.1..Spatial Computing in Telecommunications .....</b>		
<b>10.2..Introduction to Spatial Computing.....</b>		
<b>10.3..Spatial Data and Telecommunications.....</b>		
<b>10.4..Geographical Information Systems (GIS) in Telecom.....</b>		
<b>10.5..Network Planning and Optimization Using Spatial Computing.....</b>		
<b>10.6.Spatial Data Analytics for Telecom.....</b>		
<b>10.7..Augmented Reality (AR) in Telecommunication Services.....</b>		
<b>10.11..5G and Spatial Computing.....</b>		
<b>10.12..Privacy and Security in Spatial</b>		

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4.1 .12.15..11.1..Advanced Legal Studies in Public Administration and Safety.....	
11.2Introduction to Public Law.....	
11.3.Constitutional Law and Governance.....	
11.4.Administrative Law.....	
11.5.Legal Frameworks for Public Safety.....	
11.6..Ethics in Public Administration.....	
11.7..Public Policy and Legal Implications.....	
11.8..Human Rights and Social Justice.....	
11.9.Crisis Management and Legal Compliance.....	
4.1 .12.15..12.1Metallurgy in Oil and Gas Production, Refining, and Transport.....	
12.2..Introduction to Metallurgy in Oil and Gas.....	
12.3..Material Selection for Oil and Gas Production.....	
12.4..Corrosion Mechanisms and Prevention.....	
12.5..Metallurgical Processes in Refining.....	
Discusses how metallurgical processes like heat treatment and welding are utilized in refining operations to enhance material properties. Corrosion Mechanisms and Prevention.....	
12.6..Pipeline Materials and Design.....	
12.7.Advanced Coatings and Surface Treatments.....	
Advanced Coatings and Surface Treatments.....	
12.8.Environmental Impact and Sustainability in Metallurgy.....	
12.9..Failure Analysis and Case Studies.....	
12.10Future Trends in Metallurgy for Oil and Gas.....	
4.1 .12.15..13.1.Integrated Water Management in Mining .....	
13.2.Introduction to Mining Water Management.....	
13.2.Water Resource Evaluation and Planning.....	
13.3.Water Quality Management in Mining.....	
13.4.Regulatory and Environmental Compliance.....	

<b>13.5. Innovation and Technology in Water Management</b>		
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<b>13.6. Stakeholder Engagement and Social License.....</b>		
<b>13.7.. Climate Change Impacts on Water Resources.....</b>		
<b>13.8. Case Studies and Best Practices.....</b>		
<b>13.7. Future Trends in Mining Water Management.....</b>		
<b>3.1 Integrated Water Management in Mining.....</b>		
<b>13.2 Introduction to Mining Water Management.....</b>		
<b>13.3 Water Resource Evaluation and Planning.....</b>		
<b>13.4 Water Quality Management in Mining.....</b>		
<b>13.5 Regulatory and Environmental Compliance.....</b>		
<b>13.6 Innovation and Technology in Water Management</b>		
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<b>13.7 Stakeholder Engagement and Social License.....</b>		
<b>13.8 Climate Change Impacts on Water Resources.....</b>		
<b>13.9 Case Studies and Best Practices.....</b>		
<b>13.10 Future Trends in Mining Water Management</b>		
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<b>.4.1 .12.15.14. Integrated Water Management in Mining</b>		
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<b>14.1. Introduction to Mining Water Management.....</b>		
<b>14.2. Water Resource Evaluation and Planning.....</b>		
<b>14.3 Water Quality Management in Mining.....</b>		
<b>14.4. Regulatory and Environmental Compliance.....</b>		
<b>14.5. Innovation and Technology in Water Management</b>		
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<b>14.6.. Stakeholder Engagement and Social License.....</b>		
<b>14.7 Climate Change Impacts on Water Resources.....</b>		
<b>14.8.. Case Studies and Best Practices.....</b>		
<b>14..9.. Future Trends in Mining Water Management.....</b>		
<b>14 Integrated Water Management in Mining.....</b>		
<b>14.1 Introduction to Mining Water Management.....</b>		
<b>14.2 Water Resource Evaluation and Planning.....</b>		

14.3	Water Quality Management in Mining.....	
14.4	Regulatory and Environmental Compliance.....	
14.5	Innovation and Technology in Water Management .....	
14.6	Stakeholder Engagement and Social License.....	
14.7	Climate Change Impacts on Water Resources.....	
14.8	Case Studies and Best Practices.....	
14.9	Future Trends in Mining Water Management.....	
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15.2	Introduction to Genetic Engineering.....	
15.3..	Manufacturing Processes in Biotechnology.....	
15.4..	CRISPR and Advanced Genetic Modification Techniques.....	
15.5	Ethical and Regulatory Considerations.....	
15.6	Biopharmaceutical Manufacturing.....	
15.7	Fermentation Technology.....	
15.8..	Scale-Up and Commercialization.....	
15.9	Quality Control in Genetically Engineered Products .....	
15.10	Future Trends in Genetic Engineering Manufacturing.....	
4.1 .12.15..15.1	Advanced Manufacturing Techniques in Genetic Engineering.....	
15.2	Introduction to Genetic Engineering.....	
15.3..	Manufacturing Processes in Biotechnology.....	
15.4..	CRISPR and Advanced Genetic Modification Techniques.....	
15.5	Ethical and Regulatory Considerations.....	
15.6	Biopharmaceutical Manufacturing.....	
15.7	Fermentation Technology.....	
15.8..	Scale-Up and Commercialization.....	
15.9	Quality Control in Genetically Engineered Products .....	

15.10.Future Trends in Genetic Engineering Manufacturing.....		
4.1 .12.15.16.1.Data Processing and Hosting Services in Computer Engineering.....		
16.2.Introduction to Data Processing.....		
16.3.Cloud Hosting Services.....		
16.4..Big Data Technologies.....		
16.5Data Security in Cloud Hosting.....		
16.6.Containerization and Microservices.....		
16.7Distributed Systems.....		
16.8.Data Warehousing and Analytics.....		
16.9..Serverless Computing.....		
4.1 .12.15..16.1 Data Processing and Hosting Services in Computer Engineering.....		
16.2 Introduction to Data Processing.....		
16.3 Cloud Hosting Services.....		
16.4 Big Data Technologies.....		
16.5 Data Security in Cloud Hosting.....		
16.6 Containerization and Microservices.....		
16.7 Distributed Systems.....		
16.8 Data Warehousing and Analytics.....		
16.9 Serverless Computing.....		
4.1 .12.15..17.1.Masters in Cryptocurrency and Blockchain Applications.....		
17.2.Introduction to Blockchain Technology.....		
17.2.Cryptocurrencies: An Overview.....		
17.3.Blockchain Consensus Mechanisms.....		
17.4..Smart Contracts.....		
17.5.Decentralized Finance (DeFi).....		
17.6.Blockchain in Supply Chain Management.....		
17.7.Regulation and Compliance in Blockchain.....		
17.8.NFTs and Digital Assets.....		
17.1 Masters in Cryptocurrency and Blockchain		

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<b>17.2 Introduction to Blockchain Technology.....</b>	
<b>17.3 Cryptocurrencies: An Overview.....</b>	
<b>17.4 Blockchain Consensus Mechanisms.....</b>	
<b>17.5 Smart Contracts.....</b>	
<b>17.6 Decentralized Finance (DeFi).....</b>	
<b>17.7 Blockchain in Supply Chain Management.....</b>	
<b>17.8 Regulation and Compliance in Blockchain.....</b>	
<b>17.9 NFTs and Digital Assets.....</b>	
<b>4.1 .12.15.18.1.Advanced Cybersecurity in Bibliotechnology.....</b>	
<b>18.2.Introduction to Cybersecurity in Bibliotechnology .....</b>	
<b>18.3Threats and Vulnerabilities in Digital Libraries.....</b>	
<b>18.4.Data Privacy and Integrity in Bibliotechnology.....</b>	
<b>18.5.Implementing Security Policies for Digital Libraries .....</b>	
<b>18.6.Access Control in Library Networks.....</b>	
<b>18.7.Digital Rights Management in Bibliotechnology .....</b>	
<b>18.8.Network Security Essentials for Digital Libraries .....</b>	
<b>18.9.Incident Response and Recovery for Digital Libraries.....</b>	
<b>18..10Emerging Cybersecurity Technologies in Bibliotechnology.....</b>	
<b>4.1 .12.15.18.1 Advanced Cybersecurity in Bibliotechnology.....</b>	
<b>18.2 Introduction to Cybersecurity in Bibliotechnology .....</b>	
<b>18.3 Threats and Vulnerabilities in Digital Libraries .....</b>	
<b>18.4 Data Privacy and Integrity in Bibliotechnology .....</b>	
<b>18.5 Implementing Security Policies for Digital</b>	



<b>Libraries.....</b>	
<b>18.6 Access Control in Library Networks.....</b>	
<b>18.7 Digital Rights Management in Bibliotechnology</b>	
<b>.....</b>	
<b>18.8 Network Security Essentials for Digital Libraries</b>	
<b>.....</b>	
<b>18.9 Incident Response and Recovery for Digital Libraries.....</b>	
<b>18.10 Emerging Cybersecurity Technologies in Bibliotechnology.....</b>	
<b>4.1 .12.15..19.1.1Edge Computing in Modern Power and Energy Systems.....</b>	
<b>19.2..Introduction to Edge Computing.....</b>	
<b>19.3.Distributed Computing in Energy Systems.....</b>	
<b>19.4.IoT Applications in Power Systems.....</b>	
<b>19.5.Real-time Data Processing.....</b>	
<b>19.6Security and Privacy in Edge Computing.....</b>	
<b>19.6.Edge Analytics for Energy Management.....</b>	
<b>19.7.Energy Efficiency Optimization.....</b>	
<b>19.8.Case Studies on Edge Computing in Energy.....</b>	
<b>19.9.Future Trends in Edge Computing for Energy Systems.....</b>	
<b>19.1 Edge Computing in Modern Power and Energy Systems.....</b>	
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<b>19.3 Distributed Computing in Energy Systems.....</b>	
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<b>19.6 Security and Privacy in Edge Computing.....</b>	
<b>19.7 Edge Analytics for Energy Management.....</b>	
<b>19.8 Energy Efficiency Optimization.....</b>	
<b>19.9 Case Studies on Edge Computing in Energy.....</b>	
<b>19.10 Future Trends in Edge Computing for Energy Systems.....</b>	

## **Edge Computing for Modern Power and Energy Systems**

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Introduction to Edge Computing.....		
Role of Edge Computing in Smart Grids.....		
Edge Computing for Renewable Energy Integration.....		
Data Management and Security in Edge Computing.....		
Machine Learning Applications on the Edge.....		
Case Studies in Edge Computing for Energy Systems		
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Challenges and Future Trends.....		

### **4.1 .12.15..20.1.Masters in Cyber-Physical Systems and Information Technology.....**

20.2.Introduction to Cyber-Physical Systems.....		
20.3.Architecture of CPS.....		
20.4Networking and Communication in CPS.....		
20.5.CPS Security and Privacy.....		
20.6.Machine Learning in CPS.....		
20.7.Real-Time Systems and CPS.....		
20.8.Simulation and Modeling in CPS.....		
20.9..Applications and Case Studies of CPS.....		

#### **20.1 Masters in Cyber-Physical Systems and Information Technology.....**

20.2 Introduction to Cyber-Physical Systems.....		
20.3 Architecture of CPS.....		
20.4 Networking and Communication in CPS.....		
20.5 CPS Security and Privacy.....		
20.6 Machine Learning in CPS.....		
20.7 Real-Time Systems and CPS.....		
20.8 Simulation and Modeling in CPS.....		
20.9 Applications and Case Studies of CPS.....		

### **4.1 .12.15.21.1.Masters in Distributed-Ledger Technology Applications in Educational Technology.....**

#### **21.1. Introduction to Distributed Ledger Technology**

21.2.The Need for Distributed Ledger Technology in Education.....		
21.3.Blockchain for Secure Credentialing.....		
21.4.Smart Contracts in Educational Transactions.....		
21.5..DLT-based Learning Management Systems.....		
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21.6.Case Studies of DLT in Education.....		
21.7.Future Trends in DLT and EdTech.....		
21.1 Masters in Distributed-Ledger Technology Applications in Educational Technology.....		
21.2 Introduction to Distributed Ledger Technology .....		
21.3 The Need for Distributed Ledger Technology in Education.....		
21.4 Blockchain for Secure Credentialing.....		
21.5 Smart Contracts in Educational Transactions.....		
21.6 DLT-based Learning Management Systems.....		
21.7 Privacy and Data Security in DLT.....		
21.8 Case Studies of DLT in Education.....		
21.9 Future Trends in DLT and EdTech.....		
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22.2.Theories of Adult Learning.....		
22.3.Curriculum Design for Adult Learners.....		
22.4.Assessment and Evaluation in Adult Education.....		
22.5.Technology Integration in Adult Learning.....		
22.6.Diversity and Inclusion in Adult Education.....		
22.7.Motivational Strategies for Adult Learners.....		
22.8.Professional Development for Adult Educators.....		
22.1 Master's in Adult Education Services.....		
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22.3 Theories of Adult Learning.....		
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22.5	Assessment and Evaluation in Adult Education		
22.6	Technology Integration in Adult Learning		
22.7	Diversity and Inclusion in Adult Education		
22.8	Motivational Strategies for Adult Learners		
22.9	Professional Development for Adult Educators		
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23.1	Introduction to Quantum Computing		
23.2	Quantum Algorithms		
22.3	Quantum Gates and Circuits		
22.4	Quantum Information Theory		
22.5	Quantum Computing Platforms		
22.6	Quantum Programming Languages		
22.7	Applications of Quantum Computing in Systems Engineering		
22.8	Challenges and Future of Quantum Computing		
22.9	Quantum Supremacy and its Implications		
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23.1	Introduction to Quantum Computing		
23.2	Quantum Algorithms		
23.3	Quantum Gates and Circuits		
23.4	Quantum Information Theory		
23.5	Quantum Computing Platforms		
23.6	Quantum Programming Languages		
23.7	Applications of Quantum Computing in Systems Engineering		
23.8	Challenges and Future of Quantum Computing		
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23.5.Brain-Computer Interfaces in Education.....	
23.6.Cognitive Load Theory and Neurotechnology.....	
23.7.Neuroscience-Based Adaptive Learning Technologies.....	
23.8.Ethical and Social Implications.....	
23.9.Case Studies in Neurotechnology Education.....	
23.10.Future Trends in Neurotechnology for Education .....	
23.2 Neurotechnology in Educational Technology.....	
23.3 Introduction to Neurotechnology.....	
23.4 Neuroscience Basics for Educators.....	
23.5 Brain-Computer Interfaces in Education.....	
23.6 Cognitive Load Theory and Neurotechnology.....	
23.7 Neuroscience-Based Adaptive Learning Technologies.....	
23.8 Ethical and Social Implications.....	
23.9 Case Studies in Neurotechnology Education.....	
23.10 Future Trends in Neurotechnology for Education .....	
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24.2Introduction to Robotic Process Automation.....	
24.3.Fundamentals of Electrochemical Engineering.....	
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24.5.Automating Electrochemical Process Controls.....	
24.6.Data Collection and Analysis in Electrochemical Systems.....	
24.7.Machine Learning and RPA in Electrochemical Engineering.....	
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24.9.Case Studies and Industry Applications.....	
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24.2	Introduction to Robotic Process Automation.....	
24.3	Fundamentals of Electrochemical Engineering .....	
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24.9	Case Studies and Industry Applications.....	
4.1 .12.15.25.1.	Integrating Educational Technology in Renewable Energy Studies.....	
25.2.	Introduction to Renewable Energy.....	
25.3.	Educational Technology Tools.....	
25.4.	Designing Interactive Learning Modules.....	
25.5.	Gamification in Renewable Energy Education.....	
25.6.	Virtual Labs and Simulations.....	
25.7.	Assessing Learner Outcomes in Technology-Driven Curriculum.....	
25.8.	Case Studies in Renewable Energy Education.....	
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25.2	Introduction to Renewable Energy.....	
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25.4	Designing Interactive Learning Modules.....	
25.5	Gamification in Renewable Energy Education.....	
25.6	Virtual Labs and Simulations.....	
25.7	Assessing Learner Outcomes in Technology- Driven Curriculum.....	
25.8	Case Studies in Renewable Energy Education.....	

25.9 Challenges in Integrating Technology and Renewable Energy Education.....		
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26.2.Introduction to Wholesale Trade.....		
26.3.Supply Chain Dynamics.....		
26.4.Inventory Control Methods.....		
26.5.Logistics and Distribution.....		
26.6.Procurement Strategies.....		
26.7.Market Analysis and Forecasting.....		
27.8.Risk Management in Wholesale Trade.....		
27.9.Regulatory and Ethical Considerations.....		
26.1 Wholesale Trade Management in Industrial Engineering.....		
26.2 Introduction to Wholesale Trade.....		
26.3 Supply Chain Dynamics.....		
26.4 Inventory Control Methods.....		
26.5 Logistics and Distribution.....		
26.6 Procurement Strategies.....		
26.7 Market Analysis and Forecasting.....		
26.8 Risk Management in Wholesale Trade.....		
26.9 Regulatory and Ethical Considerations.....		
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29.2.Introduction to Wireless Communications.....		
29.3.Radio Frequency Fundamentals.....		
29.4.Wireless Signal Propagation.....		
29.5.Multiple Access Techniques.....		
29.6.Wireless Networking and Protocols.....		
29.7.Cellular Systems and 5G.....		
29.8..Antenna Theory and Design.....		
29.8Wireless Security.....		
29.6IoT and Wireless Sensor Networks.....		
29.1 Advanced Wireless Communications.....		

29.2	Introduction to Wireless Communications.....	
29.3	Radio Frequency Fundamentals.....	
29.4	Wireless Signal Propagation.....	
29.5	Multiple Access Techniques.....	
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29.7	Cellular Systems and 5G.....	
29.8	Antenna Theory and Design.....	
29.9	Wireless Security.....	
29.10	IoT and Wireless Sensor Networks.....	
4.1	.12.15.30.1. Advanced Electrical Engineering in Construction and Civil Engineering.....	
30.2.	Fundamentals of Electrical Systems in Construction.....	
30.3.	Electrical Safety Standards and Codes.....	
30.4.	Integration of Electrical Systems in Building Design .....	
30.5	Sustainable and Renewable Energy Technologies .....	
30.6.	Smart Grids and Intelligent Networks.....	
30.7.	Electrical System Design and Simulation.....	
30.8.	Power Quality and Energy Management.....	
30.9.	Electrical Systems in Infrastructure Projects.....	
	Advanced Electrical Engineering in Construction and Civil Engineering.....	
30.2	Fundamentals of Electrical Systems in Construction.....	
30.3	Electrical Safety Standards and Codes.....	
30.4	Integration of Electrical Systems in Building Design.....	
30.5	Sustainable and Renewable Energy Technologies .....	
30.6	Smart Grids and Intelligent Networks.....	
30.7	Electrical System Design and Simulation.....	
30.8	Power Quality and Energy Management.....	



30.9 Electrical Systems in Infrastructure Projects.....	
4.1 .12.15.Electrical Systems in Construction and Civil Engineering.....	
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Lighting Systems and Design.....	
Electrical Safety Standards and Regulations.....	
Sustainability in Electrical Engineering.....	
Smart Buildings and IoT Integration.....	
Electrical Load Analysis and Estimation.....	
Integration of Renewable Energy Sources.....	
Project Management in Electrical Engineering.....	
4.1 .12.15.30.1.Doctorate in Specialist Engineering Infrastructure and Contractors: Electrical Engineering .....	
30.2.Advanced Power System Analysis.....	
30.3Renewable Energy Systems.....	
30.4.Electrical Infrastructure Design and Management .....	
31.5.Smart Grids and IoT Applications.....	
31.6..High Voltage Engineering.....	
31.7.Project Management in Electrical Engineering.....	
31.8Energy Policy and Ethical Considerations.....	
31.1Sustainable Electrical Engineering Practices.....	
30.1 Doctorate in Specialist Engineering Infrastructure and Contractors: Electrical Engineering.....	
30.2 Advanced Power System Analysis.....	
30.3 Renewable Energy Systems.....	
30.4 Electrical Infrastructure Design and Management .....	
31.5 Smart Grids and IoT Applications.....	
31.6 High Voltage Engineering.....	
31.7 Project Management in Electrical Engineering .....	

31.8 Energy Policy and Ethical Considerations.....	
31.9 Sustainable Electrical Engineering Practices.....	
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32.Topic.....	
4.1 .12.15..32.1Clean Energy Technology: Ecotechnology Applications.....	
32.3.Introduction to Clean Energy and Ecotechnology .....	
32.4.Solar Energy Technologies.....	
32.5.Wind Energy Systems.....	
32.6.Bioenergy and Biomass.....	
32.7.Hydropower and Ocean Energy.....	
32.8.Geothermal Energy.....	
32.9.Energy Storage and Smart Grids.....	
32.10.Policy and Economics of Clean Energy.....	
32.11Ecological Impact of Renewable Energy.....	
32.12.Future Directions in Clean Energy and Ecotechnology.....	
2.1 Clean Energy Technology: Ecotechnology Applications.....	
32.3 Introduction to Clean Energy and Ecotechnology .....	
32.4 Solar Energy Technologies.....	
32.5 Wind Energy Systems.....	
32.6 Bioenergy and Biomass.....	
32.7 Hydropower and Ocean Energy.....	
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32.9 Energy Storage and Smart Grids.....	
32.10 Policy and Economics of Clean Energy.....	
32.11 Ecological Impact of Renewable Energy.....	
32.12 Future Directions in Clean Energy and Ecotechnology.....	
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<b>4.1 .12.15.33.1</b>	<b>Integration of Electronic Engineering in Construction and Civil Engineering.....</b>		
<b>33.2</b>	<b>Introduction to Electronic Systems in Civil Engineering.....</b>		
<b>33.3</b>	<b>Smart Construction Technologies.....</b>		
<b>33.4</b>	<b>IoT in Infrastructure Management.....</b>		
<b>33.5</b>	<b>Electronic Monitoring and Control Systems.....</b>		
<b>33.6</b>	<b>Automation in Construction Machinery.....</b>		
<b>33.7</b>	<b>Solar and Renewable Energy Systems in Civil Engineering.....</b>		
<b>33.8</b>	<b>Building Information Modeling (BIM) and Electronic Systems.....</b>		
<b>33.9</b>	<b>Cybersecurity in Smart Infrastructure.....</b>		
<b>33.1</b>	<b>Integration of Electronic Engineering in Construction and Civil Engineering.....</b>		
<b>33.2</b>	<b>Introduction to Electronic Systems in Civil Engineering.....</b>		
<b>33.3</b>	<b>Smart Construction Technologies.....</b>		
<b>33.4</b>	<b>IoT in Infrastructure Management.....</b>		
<b>33.5</b>	<b>Electronic Monitoring and Control Systems.....</b>		
<b>33.6</b>	<b>Automation in Construction Machinery.....</b>		
<b>33.7</b>	<b>Solar and Renewable Energy Systems in Civil Engineering.....</b>		
<b>33.8</b>	<b>Building Information Modeling (BIM) and Electronic Systems.....</b>		
<b>33.9</b>	<b>Cybersecurity in Smart Infrastructure.....</b>		
<b>34.1</b>	<b>Topic.....</b>		
<b>4.1 .12.15..34.2</b>	<b>Masters in Immutable Data Storage Solutions for Web Design.....</b>		
<b>34.3</b>	<b>Introduction to Immutable Data.....</b>		
<b>33.4</b>	<b>Immutable Data Structures.....</b>		
<b>33.5</b>	<b>Immutable.js and Alternatives.....</b>		
<b>33.6</b>	<b>State Management with Immutable Data.....</b>		
<b>33.7</b>	<b>Performance Benefits of Immutable Data.....</b>		

33.8.GraphQL and Immutable Data.....	
33.9.Immutable Data in Server-Side Rendering (SSR) .....	
33.10.Security and Immutable Data.....	
33.11.Future Trends in Immutable Data.....	
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34.2 Introduction to Immutable Data.....	
34.3 Immutable Data Structures.....	
34.4.....	
34.Topic.....	
4.1 .12.15.34.1.Masters in Immutable Data Storage Solutions for Web Design.....	
34.2.Introduction to Immutable Data.....	
34.3.Immutable Data Structures.....	
34.4.Immutable.js and Alternatives.....	
34.5.State Management with Immutable Data.....	
34.6.Performance Benefits of Immutable Data.....	
34.6.GraphQL and Immutable Data.....	
34.7.Immutable Data in Server-Side Rendering (SSR) .....	
34.8.Security and Immutable Data.....	
34.9.Future Trends in Immutable Data.....	
34.1 Masters in Immutable Data Storage Solutions for Web Design.....	
34.2 Introduction to Immutable Data.....	
34.3 Immutable Data Structures.....	
34.4.....	
35.1.Topic.....	
4.1 .12.15..35.2.Advanced Cyber-Physical Systems in Telecommunications.....	
35.3.Introduction to Cyber-Physical Systems.....	
35.4.Network Architecture in CPS.....	
35.5..IoT and Cyber-Physical Systems.....	

35.6.Security and Privacy in CPS.....	
35.7.Real-time Data Processing and Analytics.....	
35.8.Machine Learning in Cyber-Physical Systems.....	
35.9.Emerging Trends in CPS and Telecommunications .....	
35.10.CPS Case Studies in Telecommunications.....	
35.2 Advanced Cyber-Physical Systems in Telecommunications.....	
35.3 Introduction to Cyber-Physical Systems.....	
35.4 Network Architecture in CPS.....	
35.5 IoT and Cyber-Physical Systems.....	
35.6 Security and Privacy in CPS.....	
35.7 Real-time Data Processing and Analytics.....	
35.8 Machine Learning in Cyber-Physical Systems.....	
35.9 Emerging Trends in CPS and Telecommunications .....	
35.10 CPS Case Studies in Telecommunications.....	
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36. Topics:.....	
37. Master's Program in Artificial Intelligence and Machine Learning for Software Engineering.....	
4.1 .12.15..36.1.Introduction to Artificial Intelligence and Machine Learning.....	
36.2.Data Preprocessing and Feature Engineering.....	
36.3.Supervised Learning Techniques.....	
36.4.Unsupervised Learning and Clustering.....	
36.5.Deep Learning and Neural Networks.....	
36.6.Natural Language Processing.....	
36.7.AI/ML in Software Development Lifecycle.....	
36.8.Ethical and Responsible AI.....	
36.8.Deployment and Scaling of AI Solutions.....	
37.1 Master's Program in Artificial Intelligence and Machine Learning for Software Engineering.....	

37.2	Introduction to Artificial Intelligence and Machine Learning.....		
37.3	Data Preprocessing and Feature Engineering.....		
37.4	Supervised Learning Techniques.....		
37.5	Unsupervised Learning and Clustering.....		
37.6	Deep Learning and Neural Networks.....		
37.7	Natural Language Processing.....		
37.8	AI/ML in Software Development Lifecycle.....		
37.9	Ethical and Responsible AI.....		
37.10	Deployment and Scaling of AI Solutions.....		
37..	Topics:.....		
4.1 .12.15.37.1.	Advanced Studies in Autonomous Vehicles and Drones for Electric Vehicle Engineering.....		
37.1.	Introduction to Autonomous Systems.....		
37.2	Electric Vehicle Engineering Basics.....		
37.3.	Sensor Technologies and Data Processing.....		
37.4.	Machine Learning and AI for Autonomous Systems .....		
37.5.	Communication Networks and IoT.....		
37.6.	Control Systems for Autonomous Vehicles.....		
37.7	Ethical and Regulatory Aspects.....		
37.8.	Testing and Validation of Autonomous Systems .....		
37.9.	Integration of Renewable Energy in Autonomous Systems.....		
37.1	Advanced Studies in Autonomous Vehicles and Drones for Electric Vehicle Engineering.....		
37.2	Introduction to Autonomous Systems.....		
37.3	Electric Vehicle Engineering Basics.....		
37.4	Sensor Technologies and Data Processing.....		
37.5	Machine Learning and AI for Autonomous Systems.....		
37.6	Communication Networks and IoT.....		
37.7	Control Systems for Autonomous Vehicles.....		

37.8 Ethical and Regulatory Aspects.....	
37.9 Testing and Validation of Autonomous Systems .....	
37.10 Integration of Renewable Energy in Autonomous Systems.....	
38.1.topics.....	
4.1 .12.15.38.2:Specialist Engineering in Infrastructure and Contractors: Electrochemical Engineering.....	
38.3.Introduction to Electrochemical Engineering.....	
38.4.Battery Technologies for Infrastructure.....	
38.5.Fuel Cells and Their Applications.....	
38.6.and Its Prevention.....	
38.7..Electrochemical Sensors and Monitoring.....	
38.8.Electrolysis and Industrial Processes.....	
38.9.Sustainability and Electrochemical Engineering .....	
.38.10.Advanced Topics in Electrochemical Engineering .....	
38.2 Specialist Engineering in Infrastructure and Contractors: Electrochemical Engineering.....	
38.3 Introduction to Electrochemical Engineering.....	
38.4 Battery Technologies for Infrastructure.....	
38.5 Fuel Cells and Their Applications.....	
38.6 Corrosion and Its Prevention.....	
38.7 Electrochemical Sensors and Monitoring.....	
38.8 Electrolysis and Industrial Processes.....	
38.9 Sustainability and Electrochemical Engineering .....	
38.10 Advanced Topics in Electrochemical Engineering .....	
4.1 .12.15..40.1Topics:Energy Storage and Battery Technology.....	
40.2.Introduction to Energy Storage Systems.....	
40.3.Battery Chemistry and Physics.....	

40.4.Design and Functionality of Battery Cells.....	
40.5.Applications of Battery Storage.....	
40.6.Efficiency and Performance Measurements.....	
40.7.Safety and Environmental Impacts.....	
40.8.Advanced Energy Storage Technologies.....	
40.9.Policy and Economics of Energy Storage.....	
40.10.Future Trends in Battery Technology.....	
41.1.Topics:.....	
41.2.Advanced Robotic Process Automation in Electrical Engineering.....	
41.3.Introduction to Robotic Process Automation.....	
41.4.RPA Tools and Technologies.....	
41.5.Automating Electrical Design Processes.....	
41.6.Data Migration and Management.....	
41.7.RPA in Control Systems.....	
41.8.Machine Learning and RPA.....	
41.9.RPA and IoT in Electrical Systems.....	
41.10.Security and Ethics in RPA.....	
1.2 Advanced Robotic Process Automation in Electrical Engineering.....	
41.3 Introduction to Robotic Process Automation.....	
41.4 RPA Tools and Technologies.....	
41.5 Automating Electrical Design Processes.....	
41.6 Data Migration and Management.....	
41.7 RPA in Control Systems.....	
41.8 Machine Learning and RPA.....	
41.9 RPA and IoT in Electrical Systems.....	
41.10 Security and Ethics in RPA.....	
44..1. Define the Problem.....	
2. Develop the Mathematical Model.....	
3. Simplify the Equations.....	
4. Analytical Solution (if possible).....	
5. Numerical Solution (if necessary).....	



<b>6. Simulation and Validation.....</b>	
<b>7. Optimization (if applicable).....</b>	
<b>Example Calculation: Load Flow Analysis in Power Systems.....</b>	
<b>1. Circuit Analysis.....</b>	
<b>2. Electromagnetics.....</b>	
<b>3. Signal Processing.....</b>	
<b>4. Control Systems.....</b>	
<b>5. Power Systems.....</b>	
<b>6. Electronics.....</b>	
<b>7. Digital Systems.....</b>	
<b>8. Communication Systems.....</b>	
<b>9. Renewable Energy Systems.....</b>	
<b>1. Circuit Analysis.....</b>	
<b>2. Electromagnetics.....</b>	
<b>3. Signal Processing.....</b>	
<b>4. Control Systems.....</b>	
<b>5. Power Systems.....</b>	
<b>6. Electronics.....</b>	
<b>7. Digital Systems.....</b>	
<b>8. Communication Systems.....</b>	
<b>9. Renewable Energy Systems.....</b>	
<b>. Circuit Design and Analysis.....</b>	
<b>2. Power Systems Engineering.....</b>	
<b>3. Control Systems.....</b>	
<b>4. Communication Systems.....</b>	
<b>5. Electronics and Semiconductor Design.....</b>	
<b>6. Renewable Energy Systems.....</b>	
<b>7. Building and Infrastructure.....</b>	
<b>8. Biomedical Engineering.....</b>	
<b>1. Signal Processing.....</b>	
<b>2. Communication Systems.....</b>	

<b>3. Information Theory.....</b>	
<b>4. Network Theory.....</b>	
<b>5. Electromagnetic Theory.....</b>	
<b>6. Digital Communication.....</b>	
<b>1. Signal Processing.....</b>	
<b>2. Communication Systems.....</b>	
<b>3. Information Theory.....</b>	
<b>4. Network Theory.....</b>	
<b>5. Electromagnetic Theory.....</b>	
<b>6. Digital Communication.....</b>	
<b>Practical Examples:.....</b>	
<b>IoT (Internet of Things).....</b>	
<b>Solar Power Systems.....</b>	
<b>Wind Energy Projects.....</b>	
<b>Communication Systems Calculations.....</b>	
<b>1. MIMO (Multiple Input Multiple Output) Systems.....</b>	
<b>2. Satellite Communication.....</b>	
<b>3. Optical Fiber Communication.....</b>	
<b>4. IoT (Internet of Things).....</b>	
<b>Ancient Times.....</b>	
<b>System Design and Operation.....</b>	
<b>Battery Technologies for Infrastructure.....</b>	
<b>34.6 Performance Benefits of Immutable Data.....</b>	
<b>38.7 Electrochemical Sensors and Monitoring.....</b>	
<b>38.8 Electrolysis and Industrial Processes.....</b>	
<b>38.9 Sustainability and Electrochemical Engineering</b>	
<b>.....</b>	
<b>5. Automating Electrical Design Processes.....</b>	
<b>Integral and Derivative Calculations in Automating</b>	
<b>Electrical Design Processes.....</b>	
<b>Project Management in Electrical Engineering.....</b>	
<b>Integral and Derivative Calculations in Project</b>	
<b>Management.....</b>	

<b>Wind Energy, Solar Energy, and Hydroelectric Power</b>		
.....		
<b>Electrical Infrastructure Design and Management.....</b>		
<b>Smart Grids and IoT Applications.....</b>		
<b>Understanding the Basic Concepts of Social Media</b>		
<b>Marketing.....</b>		
<b>Television and Radio Production Essentials.....</b>		
<b>Roberto Aldrett - AIU.....</b>		
<b>Career Coach.....</b>		
<b>Life-Coach Consulting.....</b>		
<b>The Future Of Science and Engineering.....</b>		
<b>The Constantly Changing Education Landscape.....</b>		
<b>Academic Freedom to Discover Your Purpose Open</b>		
<b>Curriculum Design at Atlantic International University</b>		
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<b>Core Courses and Topics in Engineering Systems:.....</b>		
<b>Orientation Courses:.....</b>		
<b>Research Project in Engineering Systems:.....</b>		
<b>Academic Freedom to Discover Your Purpose Open</b>		
<b>Curriculum Design at Atlantic International University</b>		
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<b>Core Courses and Topics in Engineering Systems:.....</b>		
<b>Orientation Courses:.....</b>		
<b>Research Project in Engineering Systems:.....</b>		
<b>Academic Freedom to Discover Your Purpose Open</b>		
<b>Curriculum Design at Atlantic International University</b>		
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<b>Core Courses and Topics in Engineering Systems:.....</b>		
<b>Orientation Courses:.....</b>		
<b>Research Project in Engineering Systems:.....</b>		
<b>Student name : tshingombe tshitadi.....</b>		
<b>1 topics :.....</b>		
<b>1 AGI in Human-Machine Collaboration.....</b>		
<b>Future Scenarios of AGI Development.....</b>		

<b>1.10 Online Retail and E-commerce in the Renewable Energy Sector.....</b>		
<b>1.2 Introduction to E-commerce in the Renewable Energy Sector.....</b>		
<b>1.3 Understanding the Renewable Energy Market.....</b>		
<b>Targeted, flexible and co-ordinated policies can unlock the potential of e-commerce.....</b>		
<b>1.4. E-commerce Strategies for Renewable Energy Products.....</b>		
<b>1.4 Consumer Behavior in Online Retail.....</b>		
<b>3.1 Electric power B2B descriptions.....</b>		
<b>3.2 Notations.....</b>		
<b>1.5 Digital Marketing for Renewable Energy E-commerce .....</b>		
<b>1.6. Sustainable Practices in E-commerce.....</b>		
<b>1.7 Case Studies in Renewable Energy E-commerce: .....</b>		
<b>3.3 Fusion of behavioral data.....</b>		
<b>3.4 Fusion of item attribute information.....</b>		
<b>3.5 Fusion of behavioral data and item information .....</b>		
<b>1.8 Regulatory Environment for Online Retail in Renewable Energy:.....</b>		
<b>Experiments and discussion.....</b>		
<b>4.1 Data descriptions.....</b>		
<b>1.9 Future Trends in Online Retail and Renewable Energy.....</b>		
<b>Future Research Frontiers in AI for the E-commerce Sector.....</b>		
<b>2.1 Publishing and Natural Resources Management:.....</b>		
<b>2.2 Introduction to Sustainable Natural Resources Management:.....</b>		
<b>This topic covers the fundamental principles of sustainable natural resource management and its importance for future generations. Challenges in natural resource management for ecological</b>		

<b>sustainability.....</b>	
<b>2.3.1 Resource planning strategy and ownership regime.....</b>	
<b>2.3 The Role of Publishing in Sustainability:.....</b>	
<b>2.4 Environmental Journalism and Communication.....</b>	
<b>2.5 Digital Publishing and New Media.....</b>	
<b>2.6 Content Creation for Natural Resource Management .....</b>	
<b>2.2. New journals on SDG-relevant topics.....</b>	
<b>2.8 Sustainable Practices in Publishing:.....</b>	
<b>2.9. Case Studies in Effective Sustainability Communication:.....</b>	
<b>3.3. Equity recommended.....</b>	
<b>4. Translating research into practice.....</b>	
<b>4.1. Cognitive accessibility.....</b>	
<b>3.1 Masters in Supply Chain Management and Traceability .....</b>	
<b>3.2 Introduction to Supply Chain Management.....</b>	
<b>between functions within their own companies, but also with other An Introduction to Supply Chain Management .....</b>	
<b>3.3. Principles of Traceability.....</b>	
<b>3.4 Software Engineering Basics:.....</b>	
<b>3.5 Supply Chain Digitalization.....</b>	
<b>3.6 Data Management in Supply Chains.....</b>	
<b>3.7 Blockchain for Supply Chain Traceability.....</b>	
<b>IoT and Smart Supply Chains.....</b>	
<b>3.8 Security and Privacy in Supply Chain Software:.....</b>	
<b>3.9 Case Studies and Real-world Applications.....</b>	
<b>4.1 Social Media Marketing for Real Estate, Rental, and Leasing.....</b>	
<b>4.1 Social Media Marketing for Real Estate, Rental, and Leasing.....</b>	
<b>4.2 Introduction to Social Media Marketing.....</b>	

<b>4.2 Introduction to Social Media Marketing.....</b>	
<b>Understanding the basic concepts of social media marketing and its importance in the real estate, rental, and leasing sectors.: Understanding the Basic Concepts of Social Media Marketing.....</b>	
<b>Importance of Social Media Marketing in Real Estate, Rental, and Leasing.....</b>	
<b>4.3 Target Audience Analysis.....</b>	
<b>4.4 Content Creation for Real Estate.....</b>	
<b>Strategies for creating compelling content that attracts and retains the interest of potential clients on social media.: Target Audience Analysis for Real Estate, Rental, and Leasing on Social Media.....</b>	
<b>4.5 Platform-Specific Strategies:.....</b>	
<b>Learning to tailor marketing strategies for different social media platforms such as Facebook, Instagram, and LinkedIn.: Platform-Specific Strategies for Social Media Marketing.....</b>	
<b>4.6 Social Media Advertising:.....</b>	
<b>Engagement and Community Building:.....</b>	
<b>Metrics and Analytics: Engagement and Community Building.....</b>	
<b>Case Studies and Best Practices.....</b>	
<b>4.6 Case Studies and Best Practices.....</b>	
<b>5.1 Advanced Telemedicine and Remote Healthcare Production.....</b>	
<b>5.2 Introduction to Telemedicine and Remote Healthcare: Advanced Telemedicine and Remote Healthcare Production.....</b>	
<b>5.3 Television and Radio Production Essentials:.....</b>	
<b>5.4 Medical Narrative and Storytelling.....</b>	
<b>Crafting compelling stories that communicate complex healthcare concepts effectively to a diverse audience.: 5.3 Television and Radio Production Essentials.....</b>	
<b>5.6 Remote Healthcare Technologies and Innovations: .....</b>	
<b>5.9 Audience Engagement and Feedback in Healthcare</b>	

<b>Broadcasting.....</b>	
<b>5.11 Future Trends in Telemedicine and Media Integration.....</b>	
<b>6.1 Technical Writing for Technology.....</b>	
<b>6.2 Introduction to Technical Writing.....</b>	
<b>6.3 Understanding Your Audience:.....</b>	
<b>6.9 Editing and Proofreading: Editing and Proofreading.....</b>	
<b>6.10 Ethics in Technical Writing.....</b>	
<b>6.10 Ethics in Technical Writing.....</b>	
<b>6.12 Effective Communication in Teams.....</b>	
<b>7.1.Masters in Vertical Farming and Urban Agriculture with Focus on Synthetic Biology.....</b>	
<b>7.2Introduction to Vertical Farming and Urban Agriculture.....</b>	
<b>7.3.Fundamentals of Synthetic Biology.....</b>	
<b>Study the basic principles of synthetic biology, including DNA sequencing, genetic engineering, and how these tools are used to optimize plant growth.: Fundamentals of Synthetic Biology.....</b>	
<b>7.4..Applications of Synthetic Biology in Urban Agriculture.....</b>	
<b>7.6Design of Vertical Farming Systems.....</b>	
<b>7.7Integration of Biotechnology in Crop Production.....</b>	
<b>7.8.Environmental and Economic Impacts of Urban Agriculture.....</b>	
<b>7.9.Regulatory and Ethical Considerations in Synthetic Biology.....</b>	
<b>7.10Future Trends in Vertical Farming and Synthetic Biology.....</b>	
<b>8.Master's in Urban Water Supply, Sewerage, Waste Management, and Remediation Activities.....</b>	
<b>8.2.Introduction to Urban Water Supply Systems.....</b>	
<b>8.3 Sewerage Systems Design and Manage.....</b>	
<b>8.3.Sewerage Systems Design and Management.....</b>	
<b>Learn about the engineering, design, and operational</b>	

management of urban sewerage systems, focusing on sustainable practices and innovations in waste treatment and resource recovery.: Sewerage Systems Design and Management.....		
8.4.Urban Waste Management Strategies.....		
8.5.Remediation Activities and Technologies.....		
8.6.Policy and Regulation in Urban Water and Waste .....		
8.7.Climate Change and its Impact on Water and Waste Management.....		
8.8..Sustainable Innovations in Water and Waste Systems.....		
9.1.Transportation and Warehousing in Tourism Planning and Development.....		
9.2..Introduction to Tourism Logistics.....		
9.3...Transportation Infrastructure in Tourism.....		
9.4..Role of Warehousing in Tourism.....		
9.5..Sustainable Transport Solutions.....		
9.6..Tourism Supply Chain Management.....		
9.7.Policy and Regulations in Tourism Transport.....		
9.8.Innovations in Tourism Warehousing.....		
Investigates recent technological advancements in warehousing that support tourism industry needs. 9.8 Innovations in Tourism Warehousing.....		
9.9..Case Studies on Tourism and Logistics.....		
10.1..Spatial Computing in Telecommunications.....		
10.2..Introduction to Spatial Computing.....		
10.3..Spatial Data and Telecommunications.....		
10.4..Geographical Information Systems (GIS) in Telecom.....		
10.5..Network Planning and Optimization Using Spatial Computing.....		
10.6.Spatial Data Analytics for Telecom.....		
10.7..Augmented Reality (AR) in Telecommunication Services.....		



10.11..5G and Spatial Computing.....	
10.12..Privacy and Security in Spatial Telecommunications.....	
11.1..Advanced Legal Studies in Public Administration and Safety.....	
11.2Introduction to Public Law.....	
11.3.Constitutional Law and Governance.....	
11.4.Administrative Law.....	
11.5.Legal Frameworks for Public Safety.....	
11.6..Ethics in Public Administration.....	
11.7..Public Policy and Legal Implications.....	
11.8..Human Rights and Social Justice.....	
11.9.Crisis Management and Legal Compliance.....	
12.1Metallurgy in Oil and Gas Production, Refining, and Transport.....	
12.2..Introduction to Metallurgy in Oil and Gas.....	
12.3..Material Selection for Oil and Gas Production.....	
12.4..Corrosion Mechanisms and Prevention.....	
12.5..Metallurgical Processes in Refining.....	
Discusses how metallurgical processes like heat treatment and welding are utilized in refining operations to enhance material properties. Corrosion Mechanisms and Prevention.....	
12.6..Pipeline Materials and Design.....	
12.7.Advanced Coatings and Surface Treatments.....	
Advanced Coatings and Surface Treatments.....	
12.8.Environmental Impact and Sustainability in Metallurgy.....	
12.9..Failure Analysis and Case Studies.....	
12.10Future Trends in Metallurgy for Oil and Gas.....	
13.1.Integrated Water Management in Mining.....	
13.2.Introduction to Mining Water Management.....	
13.2.Water Resource Evaluation and Planning.....	
13.3.Water Quality Management in Mining.....	

13.4.Regulatory and Environmental Compliance.....	
13.5.Innovation and Technology in Water Management .....	
13.6.Stakeholder Engagement and Social License.....	
13.7..Climate Change Impacts on Water Resources.....	
13.8.Case Studies and Best Practices.....	
13.7.Future Trends in Mining Water Management.....	
3.1 Integrated Water Management in Mining.....	
13.2 Introduction to Mining Water Management.....	
13.3 Water Resource Evaluation and Planning.....	
13.4 Water Quality Management in Mining.....	
13.5 Regulatory and Environmental Compliance.....	
13.6 Innovation and Technology in Water Management .....	
13.7 Stakeholder Engagement and Social License.....	
13.8 Climate Change Impacts on Water Resources.....	
13.9 Case Studies and Best Practices.....	
13.10 Future Trends in Mining Water Management .....	
14.Integrated Water Management in Mining.....	
14.1.Introduction to Mining Water Management.....	
14.2.Water Resource Evaluation and Planning.....	
14.3Water Quality Management in Mining.....	
14.4.Regulatory and Environmental Compliance.....	
14.5.Innovation and Technology in Water Management .....	
14.6..Stakeholder Engagement and Social License.....	
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14.8..Case Studies and Best Practices.....	
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14.2 Water Resource Evaluation and Planning.....	

14.3 Water Quality Management in Mining.....	
14.4 Regulatory and Environmental Compliance.....	
14.5 Innovation and Technology in Water Management .....	
14.6 Stakeholder Engagement and Social License.....	
14.7 Climate Change Impacts on Water Resources.....	
14.8 Case Studies and Best Practices.....	
14.9 Future Trends in Mining Water Management.....	
15.1.Advanced Manufacturing Techniques in Genetic Engineering.....	
15.2.Introduction to Genetic Engineering.....	
15.3..Manufacturing Processes in Biotechnology.....	
15.4..CRISPR and Advanced Genetic Modification Techniques.....	
15.5.Ethical and Regulatory Considerations.....	
15.6.Biopharmaceutical Manufacturing.....	
15.7.Fermentation Technology.....	
15.8..Scale-Up and Commercialization.....	
15.9.Quality Control in Genetically Engineered Products .....	
15.10.Future Trends in Genetic Engineering Manufacturing.....	
15.1.Advanced Manufacturing Techniques in Genetic Engineering.....	
15.2.Introduction to Genetic Engineering.....	
15.3..Manufacturing Processes in Biotechnology.....	
15.4..CRISPR and Advanced Genetic Modification Techniques.....	
15.5.Ethical and Regulatory Considerations.....	
15.6.Biopharmaceutical Manufacturing.....	
15.7.Fermentation Technology.....	
15.8..Scale-Up and Commercialization.....	
15.9.Quality Control in Genetically Engineered Products .....	

<b>15.10.Future Trends in Genetic Engineering Manufacturing.....</b>		
<b>16.1.Data Processing and Hosting Services in Computer Engineering.....</b>		
<b>16.2.Introduction to Data Processing.....</b>		
<b>16.3.Cloud Hosting Services.....</b>		
<b>16.4..Big Data Technologies.....</b>		
<b>16.5Data Security in Cloud Hosting.....</b>		
<b>16.6.Containerization and Microservices.....</b>		
<b>16.7Distributed Systems.....</b>		
<b>16.8.Data Warehousing and Analytics.....</b>		
<b>16.9..Serverless Computing.....</b>		
<b>16.1 Data Processing and Hosting Services in Computer Engineering.....</b>		
<b>16.2 Introduction to Data Processing.....</b>		
<b>16.3 Cloud Hosting Services.....</b>		
<b>16.4 Big Data Technologies.....</b>		
<b>16.5 Data Security in Cloud Hosting.....</b>		
<b>16.6 Containerization and Microservices.....</b>		
<b>16.7 Distributed Systems.....</b>		
<b>16.8 Data Warehousing and Analytics.....</b>		
<b>16.9 Serverless Computing.....</b>		
<b>17.1.Masters in Cryptocurrency and Blockchain Applications.....</b>		
<b>17.2.Introduction to Blockchain Technology.....</b>		
<b>17.2.Cryptocurrencies: An Overview.....</b>		
<b>17.3.Blockchain Consensus Mechanisms.....</b>		
<b>17.4..Smart Contracts.....</b>		
<b>17.5.Decentralized Finance (DeFi).....</b>		
<b>17.6.Blockchain in Supply Chain Management.....</b>		
<b>17.7.Regulation and Compliance in Blockchain.....</b>		
<b>17.8.NFTs and Digital Assets.....</b>		
<b>17.1 Masters in Cryptocurrency and Blockchain</b>		

<b>Applications.....</b>	
<b>17.2 Introduction to Blockchain Technology.....</b>	
<b>17.3 Cryptocurrencies: An Overview.....</b>	
<b>17.4 Blockchain Consensus Mechanisms.....</b>	
<b>17.5 Smart Contracts.....</b>	
<b>17.6 Decentralized Finance (DeFi).....</b>	
<b>17.7 Blockchain in Supply Chain Management.....</b>	
<b>17.8 Regulation and Compliance in Blockchain.....</b>	
<b>17.9 NFTs and Digital Assets.....</b>	
<b>18.1. Advanced Cybersecurity in Bibliotechnology.....</b>	
<b>18.2. Introduction to Cybersecurity in Bibliotechnology</b>	
<b>.....</b>	
<b>18.3 Threats and Vulnerabilities in Digital Libraries.....</b>	
<b>18.4. Data Privacy and Integrity in Bibliotechnology.....</b>	
<b>18.5. Implementing Security Policies for Digital Libraries</b>	
<b>.....</b>	
<b>18.6. Access Control in Library Networks.....</b>	
<b>18.7. Digital Rights Management in Bibliotechnology</b>	
<b>.....</b>	
<b>18.8. Network Security Essentials for Digital Libraries</b>	
<b>.....</b>	
<b>18.9. Incident Response and Recovery for Digital</b>	
<b>Libraries.....</b>	
<b>18..10 Emerging Cybersecurity Technologies in</b>	
<b>Bibliotechnology.....</b>	
<b>18.1 Advanced Cybersecurity in Bibliotechnology.....</b>	
<b>18.2 Introduction to Cybersecurity in Bibliotechnology</b>	
<b>.....</b>	
<b>18.3 Threats and Vulnerabilities in Digital Libraries</b>	
<b>.....</b>	
<b>18.4 Data Privacy and Integrity in Bibliotechnology</b>	
<b>.....</b>	
<b>18.5 Implementing Security Policies for Digital</b>	
<b>Libraries.....</b>	
<b>18.6 Access Control in Library Networks.....</b>	

<b>18.7 Digital Rights Management in Bibliotechnology</b>		
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<b>18.8 Network Security Essentials for Digital Libraries</b>		
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<b>18.9 Incident Response and Recovery for Digital Libraries.....</b>		
<b>18.10 Emerging Cybersecurity Technologies in Bibliotechnology.....</b>		
<b>19.1.1Edge Computing in Modern Power and Energy Systems.....</b>		
<b>19.2..Introduction to Edge Computing.....</b>		
<b>19.3.Distributed Computing in Energy Systems.....</b>		
<b>19.4.IoT Applications in Power Systems.....</b>		
<b>19.5.Real-time Data Processing.....</b>		
<b>19.6Security and Privacy in Edge Computing.....</b>		
<b>19.6.Edge Analytics for Energy Management.....</b>		
<b>19.7.Energy Efficiency Optimization.....</b>		
<b>19.8.Case Studies on Edge Computing in Energy.....</b>		
<b>19.9.Future Trends in Edge Computing for Energy Systems.....</b>		
<b>19.1 Edge Computing in Modern Power and Energy Systems.....</b>		
<b>19.2 Introduction to Edge Computing.....</b>		
<b>19.3 Distributed Computing in Energy Systems.....</b>		
<b>19.4 IoT Applications in Power Systems.....</b>		
<b>19.5 Real-time Data Processing.....</b>		
<b>19.6 Security and Privacy in Edge Computing.....</b>		
<b>19.7 Edge Analytics for Energy Management.....</b>		
<b>19.8 Energy Efficiency Optimization.....</b>		
<b>19.9 Case Studies on Edge Computing in Energy.....</b>		
<b>19.10 Future Trends in Edge Computing for Energy Systems.....</b>		
<b>Edge Computing for Modern Power and Energy Systems</b>		
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<b>Introduction to Edge Computing.....</b>	
<b>Role of Edge Computing in Smart Grids.....</b>	
<b>Edge Computing for Renewable Energy Integration.....</b>	
<b>Data Management and Security in Edge Computing.....</b>	
<b>Machine Learning Applications on the Edge.....</b>	
<b>Case Studies in Edge Computing for Energy Systems</b> <b>.....</b>	
<b>Challenges and Future Trends.....</b>	
<b>20.1.Masters in Cyber-Physical Systems and Information</b> <b>Technology.....</b>	
<b>20.2.Introduction to Cyber-Physical Systems.....</b>	
<b>20.3.Architecture of CPS.....</b>	
<b>20.4Networking and Communication in CPS.....</b>	
<b>20.5.CPS Security and Privacy.....</b>	
<b>20.6.Machine Learning in CPS.....</b>	
<b>20.7.Real-Time Systems and CPS.....</b>	
<b>20.8.Simulation and Modeling in CPS.....</b>	
<b>20.9..Applications and Case Studies of CPS.....</b>	
<b>20.1 Masters in Cyber-Physical Systems and</b> <b>Information Technology.....</b>	
<b>20.2 Introduction to Cyber-Physical Systems.....</b>	
<b>20.3 Architecture of CPS.....</b>	
<b>20.4 Networking and Communication in CPS.....</b>	
<b>20.5 CPS Security and Privacy.....</b>	
<b>20.6 Machine Learning in CPS.....</b>	
<b>20.7 Real-Time Systems and CPS.....</b>	
<b>20.8 Simulation and Modeling in CPS.....</b>	
<b>20.9 Applications and Case Studies of CPS.....</b>	
<b>21.1.Masters in Distributed-Ledger Technology</b> <b>Applications in Educational Technology.....</b>	
<b>21.1. Introduction to Distributed Ledger Technology</b> <b>1285</b>	
<b>21.2.The Need for Distributed Ledger Technology in</b> <b>Education.....</b>	

21.3.	Blockchain for Secure Credentialing.....	
21.4.	Smart Contracts in Educational Transactions.....	
21.5..	DLT-based Learning Management Systems.....	
	Privacy and Data Security in DLT.....	
21.6.	Case Studies of DLT in Education.....	
21.7.	Future Trends in DLT and EdTech.....	
21.1	Masters in Distributed-Ledger Technology	
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21.2	Introduction to Distributed Ledger Technology	
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21.3	The Need for Distributed Ledger Technology in	
	Education.....	
21.4	Blockchain for Secure Credentialing.....	
21.5	Smart Contracts in Educational Transactions.....	
21.6	DLT-based Learning Management Systems.....	
21.7	Privacy and Data Security in DLT.....	
21.8	Case Studies of DLT in Education.....	
21.9	Future Trends in DLT and EdTech.....	
22.1.	Master's in Adult Education Services.....	
22.1.	Introduction to Adult Education.....	
22.2.	Theories of Adult Learning.....	
22.3.	Curriculum Design for Adult Learners.....	
22.4.	Assessment and Evaluation in Adult Education.....	
22.5.	Technology Integration in Adult Learning.....	
22.6.	Diversity and Inclusion in Adult Education.....	
22.7.	Motivational Strategies for Adult Learners.....	
22.8.	Professional Development for Adult Educators.....	
22.1	Master's in Adult Education Services.....	
22.2	Introduction to Adult Education.....	
22.3	Theories of Adult Learning.....	
22.4	Curriculum Design for Adult Learners.....	
22.5	Assessment and Evaluation in Adult Education	
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22.6 Technology Integration in Adult Learning.....	
22.7 Diversity and Inclusion in Adult Education.....	
22.8 Motivational Strategies for Adult Learners.....	
22.9 Professional Development for Adult Educators .....	
23.1 Quantum Computing in Systems Engineering.....	
23.1. Introduction to Quantum Computing.....	
23.2. Quantum Algorithms.....	
22.3. Quantum Gates and Circuits.....	
22.4. Quantum Information Theory.....	
22.5. Quantum Computing Platforms.....	
22.6. Quantum Programming Languages.....	
22.7. Applications of Quantum Computing in Systems Engineering.....	
22.8. Challenges and Future of Quantum Computing.....	
22.9. Quantum Supremacy and its Implications.....	
23.1 Quantum Computing in Systems Engineering.....	
23.1 Introduction to Quantum Computing.....	
23.2 Quantum Algorithms.....	
23.3 Quantum Gates and Circuits.....	
23.4 Quantum Information Theory.....	
23.5 Quantum Computing Platforms.....	
23.6 Quantum Programming Languages.....	
23.7 Applications of Quantum Computing in Systems Engineering.....	
23.8 Challenges and Future of Quantum Computing .....	
23.9 Quantum Supremacy and its Implications.....	
23.2. Neurotechnology in Educational Technology.....	
23.3. Introduction to Neurotechnology.....	
23.4. Neuroscience Basics for Educators.....	
23.5. Brain-Computer Interfaces in Education.....	
23.6. Cognitive Load Theory and Neurotechnology.....	

<b>23.7.Neuroscience-Based Adaptive Learning Technologies.....</b>		
<b>23.8.Ethical and Social Implications.....</b>		
<b>23.9.Case Studies in Neurotechnology Education.....</b>		
<b>23.10.Future Trends in Neurotechnology for Education .....</b>		
<b>23.2 Neurotechnology in Educational Technology.....</b>		
<b>23.3 Introduction to Neurotechnology.....</b>		
<b>23.4 Neuroscience Basics for Educators.....</b>		
<b>23.5 Brain-Computer Interfaces in Education.....</b>		
<b>23.6 Cognitive Load Theory and Neurotechnology.....</b>		
<b>23.7 Neuroscience-Based Adaptive Learning Technologies.....</b>		
<b>23.8 Ethical and Social Implications.....</b>		
<b>23.9 Case Studies in Neurotechnology Education.....</b>		
<b>23.10 Future Trends in Neurotechnology for Education .....</b>		
<b>24.1.Robotic Process Automation in Electrochemical Engineering.....</b>		
<b>24.2Introduction to Robotic Process Automation.....</b>		
<b>24.3.Fundamentals of Electrochemical Engineering.....</b>		
<b>24.4.RPA Tools and Platforms.....</b>		
<b>24.5.Automating Electrochemical Process Controls.....</b>		
<b>24.6.Data Collection and Analysis in Electrochemical Systems.....</b>		
<b>24.7.Machine Learning and RPA in Electrochemical Engineering.....</b>		
<b>24.8.RPA Implementation Challenges and Solutions.....</b>		
<b>24.9.Case Studies and Industry Applications.....</b>		
<b>4.1 Robotic Process Automation in Electrochemical Engineering.....</b>		
<b>24.2 Introduction to Robotic Process Automation.....</b>		
<b>24.3 Fundamentals of Electrochemical Engineering .....</b>		

24.4 RPA Tools and Platforms.....		
24.5 Automating Electrochemical Process Controls .....		
24.6 Data Collection and Analysis in Electrochemical Systems.....		
24.7 Machine Learning and RPA in Electrochemical Engineering.....		
24.8 RPA Implementation Challenges and Solutions .....		
24.9 Case Studies and Industry Applications.....		
25.1.Integrating Educational Technology in Renewable Energy Studies.....		
25.2.Introduction to Renewable Energy.....		
25.3.Educational Technology Tools.....		
25.4.Designing Interactive Learning Modules.....		
25.5.Gamification in Renewable Energy Education.....		
25.6.Virtual Labs and Simulations.....		
25.7.Assessing Learner Outcomes in Technology-Driven Curriculum.....		
25.8.Case Studies in Renewable Energy Education.....		
25.9.Challenges in Integrating Technology and Renewable Energy Education.....		
25.1 Integrating Educational Technology in Renewable Energy Studies.....		
25.2 Introduction to Renewable Energy.....		
25.3 Educational Technology Tools.....		
25.4 Designing Interactive Learning Modules.....		
25.5 Gamification in Renewable Energy Education.....		
25.6 Virtual Labs and Simulations.....		
25.7 Assessing Learner Outcomes in Technology- Driven Curriculum.....		
25.8 Case Studies in Renewable Energy Education.....		
25.9 Challenges in Integrating Technology and Renewable Energy Education.....		
26.1Wholesale Trade Management in Industrial		

<b>Engineering.....</b>	
<b>26.2.Introduction to Wholesale Trade.....</b>	
<b>26.3.Supply Chain Dynamics.....</b>	
<b>26.4.Inventory Control Methods.....</b>	
<b>26.5.Logistics and Distribution.....</b>	
<b>26.6.Procurement Strategies.....</b>	
<b>26.7.Market Analysis and Forecasting.....</b>	
<b>27.8.Risk Management in Wholesale Trade.....</b>	
<b>27.9.Regulatory and Ethical Considerations.....</b>	
<b>26.1 Wholesale Trade Management in Industrial Engineering.....</b>	
<b>26.2 Introduction to Wholesale Trade.....</b>	
<b>26.3 Supply Chain Dynamics.....</b>	
<b>26.4 Inventory Control Methods.....</b>	
<b>26.5 Logistics and Distribution.....</b>	
<b>26.6 Procurement Strategies.....</b>	
<b>26.7 Market Analysis and Forecasting.....</b>	
<b>26.8 Risk Management in Wholesale Trade.....</b>	
<b>26.9 Regulatory and Ethical Considerations.....</b>	
<b>29. 1.Advanced Wireless Communications.....</b>	
<b>29.2.Introduction to Wireless Communications.....</b>	
<b>29.3.Radio Frequency Fundamentals.....</b>	
<b>29.4.Wireless Signal Propagation.....</b>	
<b>29.5.Multiple Access Techniques.....</b>	
<b>29.6.Wireless Networking and Protocols.....</b>	
<b>29.7.Cellular Systems and 5G.....</b>	
<b>29.8..Antenna Theory and Design.....</b>	
<b>29.8Wireless Security.....</b>	
<b>29.6IoT and Wireless Sensor Networks.....</b>	
<b>29.1 Advanced Wireless Communications.....</b>	
<b>29.2 Introduction to Wireless Communications.....</b>	
<b>29.3 Radio Frequency Fundamentals.....</b>	

29.4 Wireless Signal Propagation.....	
29.5 Multiple Access Techniques.....	
29.6 Wireless Networking and Protocols.....	
29.7 Cellular Systems and 5G.....	
29.8 Antenna Theory and Design.....	
29.9 Wireless Security.....	
29.10 IoT and Wireless Sensor Networks.....	
30.1. Advanced Electrical Engineering in Construction and Civil Engineering.....	
30.2. Fundamentals of Electrical Systems in Construction.....	
30.3. Electrical Safety Standards and Codes.....	
30.4. Integration of Electrical Systems in Building Design .....	
30.5 Sustainable and Renewable Energy Technologies .....	
30.6. Smart Grids and Intelligent Networks.....	
30.7. Electrical System Design and Simulation.....	
30.8. Power Quality and Energy Management.....	
30.9. Electrical Systems in Infrastructure Projects.....	
Advanced Electrical Engineering in Construction and Civil Engineering.....	
30.2 Fundamentals of Electrical Systems in Construction.....	
30.3 Electrical Safety Standards and Codes.....	
30.4 Integration of Electrical Systems in Building Design.....	
30.5 Sustainable and Renewable Energy Technologies .....	
30.6 Smart Grids and Intelligent Networks.....	
30.7 Electrical System Design and Simulation.....	
30.8 Power Quality and Energy Management.....	
30.9 Electrical Systems in Infrastructure Projects.....	
Electrical Systems in Construction and Civil Engineering	

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<b>Introduction to Electrical Systems in Construction.....</b>	
<b>Power Distribution in Buildings.....</b>	
<b>Lighting Systems and Design.....</b>	
<b>Electrical Safety Standards and Regulations.....</b>	
<b>Sustainability in Electrical Engineering.....</b>	
<b>Smart Buildings and IoT Integration.....</b>	
<b>Electrical Load Analysis and Estimation.....</b>	
<b>Integration of Renewable Energy Sources.....</b>	
<b>Project Management in Electrical Engineering.....</b>	
<b>30.1.Doctorate in Specialist Engineering Infrastructure and Contractors: Electrical Engineering.....</b>	
<b>30.2.Advanced Power System Analysis.....</b>	
<b>30.3Renewable Energy Systems.....</b>	
<b>30.4.Electrical Infrastructure Design and Management</b>	
.....	
<b>31.5.Smart Grids and IoT Applications.....</b>	
<b>31.6..High Voltage Engineering.....</b>	
<b>31.7.Project Management in Electrical Engineering.....</b>	
<b>31.8Energy Policy and Ethical Considerations.....</b>	
<b>31.1Sustainable Electrical Engineering Practices.....</b>	
<b>30.1 Doctorate in Specialist Engineering Infrastructure and Contractors: Electrical Engineering.....</b>	
<b>30.2 Advanced Power System Analysis.....</b>	
<b>30.3 Renewable Energy Systems.....</b>	
<b>30.4 Electrical Infrastructure Design and Management</b>	
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<b>31.5 Smart Grids and IoT Applications.....</b>	
<b>31.6 High Voltage Engineering.....</b>	
<b>31.7 Project Management in Electrical Engineering</b>	
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<b>31.8 Energy Policy and Ethical Considerations.....</b>	
<b>31.9 Sustainable Electrical Engineering Practices.....</b>	
<b>Admission Ready - Completing your application -</b>	

<b>Atlantic International University.....</b>	
<b>32.Topic.....</b>	
<b>32.1Clean Energy Technology: Ecotechnology Applications</b>	
<b>.....</b>	
<b>32.3.Introduction to Clean Energy and Ecotechnology</b>	
<b>.....</b>	
<b>32.4.Solar Energy Technologies.....</b>	
<b>32.5.Wind Energy Systems.....</b>	
<b>32.6.Bioenergy and Biomass.....</b>	
<b>32.7.Hydropower and Ocean Energy.....</b>	
<b>32.8.Geothermal Energy.....</b>	
<b>32.9.Energy Storage and Smart Grids.....</b>	
<b>32.10.Policy and Economics of Clean Energy.....</b>	
<b>32.11Ecological Impact of Renewable Energy.....</b>	
<b>32.12.Future Directions in Clean Energy and Ecotechnology.....</b>	
<b>2.1 Clean Energy Technology: Ecotechnology Applications.....</b>	
<b>32.3 Introduction to Clean Energy and Ecotechnology</b>	
<b>.....</b>	
<b>32.4 Solar Energy Technologies.....</b>	
<b>32.5 Wind Energy Systems.....</b>	
<b>32.6 Bioenergy and Biomass.....</b>	
<b>32.7 Hydropower and Ocean Energy.....</b>	
<b>32.8 Geothermal Energy.....</b>	
<b>32.9 Energy Storage and Smart Grids.....</b>	
<b>32.10 Policy and Economics of Clean Energy.....</b>	
<b>32.11 Ecological Impact of Renewable Energy.....</b>	
<b>32.12 Future Directions in Clean Energy and Ecotechnology.....</b>	
<b>33.Topics.....</b>	
<b>33.1Integration of Electronic Engineering in Construction and Civil Engineering.....</b>	
<b>33.2.Introduction to Electronic Systems in Civil</b>	

<b>Engineering.....</b>	
<b>33.3.Smart Construction Technologies.....</b>	
<b>33.4.IoT in Infrastructure Management.....</b>	
<b>33.5.Electronic Monitoring and Control Systems.....</b>	
<b>33.6.Automation in Construction Machinery.....</b>	
<b>33.7.Solar and Renewable Energy Systems in Civil Engineering.....</b>	
<b>33.8.Building Information Modeling (BIM) and Electronic Systems.....</b>	
<b>33.9.Cybersecurity in Smart Infrastructure.....</b>	
<b>33.1 Integration of Electronic Engineering in Construction and Civil Engineering.....</b>	
<b>33.2 Introduction to Electronic Systems in Civil Engineering.....</b>	
<b>33.3 Smart Construction Technologies.....</b>	
<b>33.4 IoT in Infrastructure Management.....</b>	
<b>33.5 Electronic Monitoring and Control Systems.....</b>	
<b>33.6 Automation in Construction Machinery.....</b>	
<b>33.7 Solar and Renewable Energy Systems in Civil Engineering.....</b>	
<b>33.8 Building Information Modeling (BIM) and Electronic Systems.....</b>	
<b>33.9 Cybersecurity in Smart Infrastructure.....</b>	
<b>34.1.Topic.....</b>	
<b>34.2.Masters in Immutable Data Storage Solutions for Web Design.....</b>	
<b>34.3.Introduction to Immutable Data.....</b>	
<b>33.4.Immutable Data Structures.....</b>	
<b>33.5.Immutable.js and Alternatives.....</b>	
<b>33.6.State Management with Immutable Data.....</b>	
<b>33.7.Performance Benefits of Immutable Data.....</b>	
<b>33.8.GraphQL and Immutable Data.....</b>	
<b>33.9.Immutable Data in Server-Side Rendering (SSR) .....</b>	



33.10.Security and Immutable Data.....	
33.11.Future Trends in Immutable Data.....	
Masters in Immutable Data Storage Solutions for Web Design.....	
34.2 Introduction to Immutable Data.....	
34.3 Immutable Data Structures.....	
34.4.....	
34.Topic.....	
34.1.Masters in Immutable Data Storage Solutions for Web Design.....	
34.2.Introduction to Immutable Data.....	
34.3.Immutable Data Structures.....	
34.4.Immutable.js and Alternatives.....	
34.5.State Management with Immutable Data.....	
34.6.Performance Benefits of Immutable Data.....	
34.6.GraphQL and Immutable Data.....	
34.7.Immutable Data in Server-Side Rendering (SSR) .....	
34.8.Security and Immutable Data.....	
34.9.Future Trends in Immutable Data.....	
34.1 Masters in Immutable Data Storage Solutions for Web Design.....	
34.2 Introduction to Immutable Data.....	
34.3 Immutable Data Structures.....	
34.4.....	
35.1.Topic.....	
35.2.Advanced Cyber-Physical Systems in Telecommunications.....	
35.3.Introduction to Cyber-Physical Systems.....	
35.4.Network Architecture in CPS.....	
35.5..IoT and Cyber-Physical Systems.....	
35.6.Security and Privacy in CPS.....	
35.7.Real-time Data Processing and Analytics.....	

35.8.Machine Learning in Cyber-Physical Systems.....	
35.9.Emerging Trends in CPS and Telecommunications	
.....	
35.10.CPS Case Studies in Telecommunications.....	
35.2 Advanced Cyber-Physical Systems in	
Telecommunications.....	
35.3 Introduction to Cyber-Physical Systems.....	
35.4 Network Architecture in CPS.....	
35.5 IoT and Cyber-Physical Systems.....	
35.6 Security and Privacy in CPS.....	
35.7 Real-time Data Processing and Analytics.....	
35.8 Machine Learning in Cyber-Physical Systems.....	
35.9 Emerging Trends in CPS and Telecommunications	
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35.10 CPS Case Studies in Telecommunications.....	
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38. Topics:.....	
39. Master's Program in Artificial Intelligence and	
Machine Learning for Software Engineering.....	
36.1.Introduction to Artificial Intelligence and Machine	
Learning.....	
36.2.Data Preprocessing and Feature Engineering.....	
36.3.Supervised Learning Techniques.....	
36.4.Unsupervised Learning and Clustering.....	
36.5.Deep Learning and Neural Networks.....	
36.6.Natural Language Processing.....	
36.7.AI/ML in Software Development Lifecycle.....	
36.8.Ethical and Responsible AI.....	
36.8.Deployment and Scaling of AI Solutions.....	
37.1 Master's Program in Artificial Intelligence and	
Machine Learning for Software Engineering.....	
37.2 Introduction to Artificial Intelligence and Machine	
Learning.....	

<b>37.3 Data Preprocessing and Feature Engineering.....</b>	
<b>37.4 Supervised Learning Techniques.....</b>	
<b>37.5 Unsupervised Learning and Clustering.....</b>	
<b>37.6 Deep Learning and Neural Networks.....</b>	
<b>37.7 Natural Language Processing.....</b>	
<b>37.8 AI/ML in Software Development Lifecycle.....</b>	
<b>37.9 Ethical and Responsible AI.....</b>	
<b>37.10 Deployment and Scaling of AI Solutions.....</b>	
<b>37..Topics:.....</b>	
<b>37.1.Advanced Studies in Autonomous Vehicles and Drones for Electric Vehicle Engineering.....</b>	
<b>37.1.Introduction to Autonomous Systems.....</b>	
<b>37.2Electric Vehicle Engineering Basics.....</b>	
<b>37.3.Sensor Technologies and Data Processing.....</b>	
<b>37.4.Machine Learning and AI for Autonomous Systems</b>	
.....	
<b>37.5.Communication Networks and IoT.....</b>	
<b>37.6.Control Systems for Autonomous Vehicles.....</b>	
<b>37.7Ethical and Regulatory Aspects.....</b>	
<b>37.8.Testing and Validation of Autonomous Systems</b>	
.....	
<b>37.9.Integration of Renewable Energy in Autonomous Systems.....</b>	
<b>37.1 Advanced Studies in Autonomous Vehicles and Drones for Electric Vehicle Engineering.....</b>	
<b>37.2 Introduction to Autonomous Systems.....</b>	
<b>37.3 Electric Vehicle Engineering Basics.....</b>	
<b>37.4 Sensor Technologies and Data Processing.....</b>	
<b>37.5 Machine Learning and AI for Autonomous Systems.....</b>	
<b>37.6 Communication Networks and IoT.....</b>	
<b>37.7 Control Systems for Autonomous Vehicles.....</b>	
<b>37.8 Ethical and Regulatory Aspects.....</b>	
<b>37.9 Testing and Validation of Autonomous Systems</b>	

.....	
<b>37.10 Integration of Renewable Energy in Autonomous Systems.....</b>	
<b>38.1.topics.....</b>	
<b>38.2:Specialist Engineering in Infrastructure and Contractors: Electrochemical Engineering.....</b>	
<b>38.3.Introduction to Electrochemical Engineering.....</b>	
<b>38.4.Battery Technologies for Infrastructure.....</b>	
<b>38.5.Fuel Cells and Their Applications.....</b>	
<b>38.6.and Its Prevention.....</b>	
<b>38.7..Electrochemical Sensors and Monitoring.....</b>	
<b>38.8.Electrolysis and Industrial Processes.....</b>	
<b>38.9.Sustainability and Electrochemical Engineering</b>	
<b>.....</b>	
<b>.38.10.Advanced Topics in Electrochemical Engineering</b>	
<b>.....</b>	
<b>38.2 Specialist Engineering in Infrastructure and Contractors: Electrochemical Engineering.....</b>	
<b>38.3 Introduction to Electrochemical Engineering.....</b>	
<b>38.4 Battery Technologies for Infrastructure.....</b>	
<b>38.5 Fuel Cells and Their Applications.....</b>	
<b>38.6 Corrosion and Its Prevention.....</b>	
<b>38.7 Electrochemical Sensors and Monitoring.....</b>	
<b>38.8 Electrolysis and Industrial Processes.....</b>	
<b>38.9 Sustainability and Electrochemical Engineering</b>	
<b>.....</b>	
<b>38.10 Advanced Topics in Electrochemical Engineering</b>	
<b>.....</b>	
<b>40.1Topics:Energy Storage and Battery Technology.....</b>	
<b>40.2.Introduction to Energy Storage Systems.....</b>	
<b>40.3.Battery Chemistry and Physics.....</b>	
<b>40.4.Design and Functionality of Battery Cells.....</b>	
<b>40.5.Applications of Battery Storage.....</b>	
<b>40.6.Efficiency and Performance Measurements.....</b>	

40.7.Safety and Environmental Impacts.....	
40.8.Advanced Energy Storage Technologies.....	
40.9.Policy and Economics of Energy Storage.....	
40.10.Future Trends in Battery Technology.....	
41.1.Topics:.....	
41.2.Advanced Robotic Process Automation in Electrical Engineering.....	
41.3.Introduction to Robotic Process Automation.....	
41.4.RPA Tools and Technologies.....	
41.5.Automating Electrical Design Processes.....	
41.6.Data Migration and Management.....	
41.7.RPA in Control Systems.....	
41.8.Machine Learning and RPA.....	
41.9.RPA and IoT in Electrical Systems.....	
41.10.Security and Ethics in RPA.....	
1.2 Advanced Robotic Process Automation in Electrical Engineering.....	
41.3 Introduction to Robotic Process Automation.....	
41.4 RPA Tools and Technologies.....	
41.5 Automating Electrical Design Processes.....	
41.6 Data Migration and Management.....	
41.7 RPA in Control Systems.....	
41.8 Machine Learning and RPA.....	
41.9 RPA and IoT in Electrical Systems.....	
41.10 Security and Ethics in RPA.....	
44..1. Define the Problem.....	
2. Develop the Mathematical Model.....	
3. Simplify the Equations.....	
4. Analytical Solution (if possible).....	
5. Numerical Solution (if necessary).....	
6. Simulation and Validation.....	
7. Optimization (if applicable).....	
Example Calculation: Load Flow Analysis in Power	

<b>Systems.....</b>	
<b>1. Circuit Analysis.....</b>	
<b>2. Electromagnetics.....</b>	
<b>3. Signal Processing.....</b>	
<b>4. Control Systems.....</b>	
<b>5. Power Systems.....</b>	
<b>6. Electronics.....</b>	
<b>7. Digital Systems.....</b>	
<b>8. Communication Systems.....</b>	
<b>9. Renewable Energy Systems.....</b>	
<b>1. Circuit Analysis.....</b>	
<b>2. Electromagnetics.....</b>	
<b>3. Signal Processing.....</b>	
<b>4. Control Systems.....</b>	
<b>5. Power Systems.....</b>	
<b>6. Electronics.....</b>	
<b>7. Digital Systems.....</b>	
<b>8. Communication Systems.....</b>	
<b>9. Renewable Energy Systems.....</b>	
<b>. Circuit Design and Analysis.....</b>	
<b>2. Power Systems Engineering.....</b>	
<b>3. Control Systems.....</b>	
<b>4. Communication Systems.....</b>	
<b>5. Electronics and Semiconductor Design.....</b>	
<b>6. Renewable Energy Systems.....</b>	
<b>7. Building and Infrastructure.....</b>	
<b>8. Biomedical Engineering.....</b>	
<b>1. Signal Processing.....</b>	
<b>2. Communication Systems.....</b>	
<b>3. Information Theory.....</b>	
<b>4. Network Theory.....</b>	
<b>5. Electromagnetic Theory.....</b>	

<b>6. Digital Communication.....</b>	
<b>1. Signal Processing.....</b>	
<b>2. Communication Systems.....</b>	
<b>3. Information Theory.....</b>	
<b>4. Network Theory.....</b>	
<b>5. Electromagnetic Theory.....</b>	
<b>6. Digital Communication.....</b>	
<b>Practical Examples:.....</b>	
<b>IoT (Internet of Things).....</b>	
<b>Solar Power Systems.....</b>	
<b>Wind Energy Projects.....</b>	
<b>Communication Systems Calculations.....</b>	
<b>1. MIMO (Multiple Input Multiple Output) Systems.....</b>	
<b>2. Satellite Communication.....</b>	
<b>3. Optical Fiber Communication.....</b>	
<b>4. IoT (Internet of Things).....</b>	
<b>Ancient Times.....</b>	
<b>System Design and Operation.....</b>	
<b>Battery Technologies for Infrastructure.....</b>	
<b>34.6 Performance Benefits of Immutable Data.....</b>	
<b>38.7 Electrochemical Sensors and Monitoring.....</b>	
<b>38.8 Electrolysis and Industrial Processes.....</b>	
<b>38.9 Sustainability and Electrochemical Engineering</b>	
<b>.....</b>	
<b>5. Automating Electrical Design Processes.....</b>	
<b>Integral and Derivative Calculations in Automating</b>	
<b>Electrical Design Processes.....</b>	
<b>Project Management in Electrical Engineering.....</b>	
<b>Integral and Derivative Calculations in Project</b>	
<b>Management.....</b>	
<b>Wind Energy, Solar Energy, and Hydroelectric Power</b>	
<b>.....</b>	
<b>Electrical Infrastructure Design and Management.....</b>	

<b>Smart Grids and IoT Applications.....</b>	
<b>Understanding the Basic Concepts of Social Media Marketing.....</b>	
<b>Television and Radio Production Essentials.....</b>	
<b>Roberto Aldrett - AIU.....</b>	
<b>Career Coach.....</b>	
<b>Life-Coach Consulting.....</b>	
<b>Master in Modern Power and Energy Systems.....</b>	
<b>Master in Renewable Energy.....</b>	
<b>Bibliographic Resources.....</b>	
<b>The Future Of Science and Engineering.....</b>	
<b>    The Constantly Changing Education Landscape.....</b>	
<b>Academic Freedom to Discover Your Purpose Open Curriculum Design at Atlantic International University.....</b>	
<b>Core Courses and Topics in Engineering Systems:.....</b>	
<b>Orientation Courses:.....</b>	
<b>Research Project in Engineering Systems:.....</b>	
<b>Academic Freedom to Discover Your Purpose Open Curriculum Design at Atlantic International University.....</b>	
<b>Core Courses and Topics in Engineering Systems:.....</b>	
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<b>Core Courses and Topics in Engineering Systems:.....</b>	
<b>Orientation Courses:.....</b>	
<b>Research Project in Engineering Systems:.....</b>	
<b>Courses and Topics in Doctorate in Electrical Engineering.....</b>	
<b>Orientation Course.....</b>	
<b>Research Projects in Doctorate in Electrical Engineering.....</b>	



.....			
<b>Thesis. Degree honor, council quality rules low become justice development court and labor relations conciliation mediation, Engineering electrical trade research policy skill ,safety security order develop ,defense order.....</b>			
<b>Contact Information and Admission call - Atlantic International University.....</b>			
<b>Course Ciriculum Total Course Thesis Alumine( 1).....</b>			
<b>Reviews (1).....</b>			
<b>Re: FW: Article submission received #TrackingId:21365851.....</b>			
<b>Your article submission 161981.....</b>			
<b>editorial@f1000research.com.....</b>			

## Value Streams Dashboard

Track key DevSecOps metrics throughout the development lifecycle. [Learn more](#).

## Background aggregation not enabled

To see usage overview, you must [enable background aggregation](#).

Usage overview for the thesis honor degree engineering and education technologie project

E

Project

engineering tshingombe / thesis honor degree engineering and education technologie

Issues

-

Merge requests

-

Pipelines

-

Lifecycle metrics for the thesis honor degree engineering and education technologie project

Metric	December	January	Month to date	Past 6 Months
	Dec 1 - Dec 31	Jan 1 - Jan 31	Feb 1 - Feb 13	Aug 13 - Feb 13
<a href="#">Lead time</a>	-	-	-	
<a href="#">Cycle time</a>	-	-	-	
<a href="#">Issues created</a>	--	1		
<a href="#">Issues closed</a>	---			
<a href="#">Deploys</a>	---			
<a href="#">Merge request throughput</a>		---		

[Median time to merge](#) ---

DORA metrics for the thesis honor degree engineering and education technologie project

Metric	December	January	Month to date	Past 6 Months
	Dec 1 - Dec 31	Jan 1 - Jan 31	Feb 1 - Feb 13	Aug 13 - Feb 13
<a href="#">Deployment frequency</a>	0.0/d	0.0/d	0.0/d	
<a href="#">Lead time for changes</a>	0.0 d	0.0 d		
<a href="#">Time to restore service</a>	0.0 d	0.0 d	0.0 d	
<a href="#">Change failure rate</a>	0.0 %	0.0 %	0.0 %	

Security metrics for the thesis honor degree engineering and education technologie project

Metric	December	January	Month to date	Past 6 Months
	Dec 1 - Dec 31	Jan 1 - Jan 31	Feb 1 - Feb 13	Aug 13 - Feb 13
<a href="#">Critical vulnerabilities over time</a>	-	-	-	

[High vulnerabilities over time](#) --

1. [engineering tshingombe](#)
2. [thesis honor degree engineering and education technologie](#)
3. [Issue Analytics](#)

# Issue Analytics

•

## Overview

Opened

Avg: 76.9m · Max: 1

Closed

Avg: 0 · Max: 0

Issue	Age	Status	Milestones	Iterations	Weight	Due date	Assignees	Created by
-------	-----	--------	------------	------------	--------	----------	-----------	------------

[thesis engineering project](#)

- #1 9 days Opened

1. [engineering tshingombe](#)
2. [thesis honor degree engineering and education technologie](#)
3. [Insights](#)

## Insights

Configure a custom report for insights into your group processes such as amount of issues, bugs, and merge requests per month. [How do I configure an insights report?](#)

### Issues Dashboard

ISSUES CREATED PER MONTH

ISSUES CLOSED PER MONTH

BUGS CREATED PER MONTH BY PRIORITY

December 2024

undefined

0

P::4

0

P::3

0

P::2

0

P::1

0

P::1

Avg: 0 · Max: 0

P::2

Avg: 0 · Max: 0

P::3

Avg: 0 · Max: 0

P::4

Avg: 0 · Max: 0

undefined

Avg: 0 · Max: 0

## BUGS CREATED PER MONTH BY SEVERITY

S::1

Avg: 0 · Max: 0

S::2

Avg: 0 · Max: 0

S::3

Avg: 0 · Max: 0

S::4

Avg: 0 · Max: 0

undefined

Avg: 0 · Max: 0

- [All](#)
- [Push events](#)
- [Merge events](#)
- [Issue events](#)
- [Comments](#)
- [Wiki](#)
- [Designs](#)
- [Team](#)

8 minutes ago



[Kananga5](#) @Kananga5  
pushed to branch [main](#)

- [47248643](#) · Update .gitlab-ci.yml

10 minutes ago



[Kananga5](#) @Kananga5  
pushed new tag [e](#)

14 minutes ago



[Kananga5](#) @Kananga5  
opened test\_case [#3](#) "engineerinf"

17 minutes ago



[Kananga5](#) @Kananga5  
opened merge request [!1](#) "Update .gitlab-ci.yml file,3"  
20 minutes ago



[Kananga5](#) @Kananga5  
pushed new branch [main2](#)  
23 minutes ago



[Kananga5](#) @Kananga5  
created wiki page [homeengineering thesis](#)  
25 minutes ago



[Kananga5](#) @Kananga5  
opened issue [#2](#) "doctoract thesis"  
29 minutes ago



[Kananga5](#) @Kananga5  
pushed to branch [main](#)

- [0e6de252](#) · Edit README.mdeng

1 week ago



[Kananga5](#) @Kananga5  
opened milestone [%thesis engineering](#)  
1 week ago



[Kananga5](#) @Kananga5  
opened issue [#1](#) "thesis engineering project"  
1 week ago



[Kananga5](#) @Kananga5  
pushed new branch [main](#)  
1 week ago



[Kananga5](#) @Kananga5  
pushed to branch [main](#)

- [f20a39bf](#) · Configure SAST in ``.gitlab-ci.yml``, creating this file if it does n...

1 week ago





[Kananga5](#) @Kananga5

created project [engineering tshingombe / thesis hon](#)

Status	Pipeline	Created by	Stages	Actions
<a href="#">Failed</a> 9 minutes ago	<a href="#">Update .gitlab-ci.yml</a> <a href="#">#1669384720</a> <a href="#">main</a> <a href="#">47248643</a>			
	latest yamll invalid error			
<a href="#">Failed</a> 19 minutes ago	<a href="#">Update .gitlab-ci.yml file,3</a> <a href="#">#1669365463</a> <a href="#">1</a> <a href="#">11ea2662</a>			
	latest yamll invalid error merge request			
<a href="#">Failed</a> 21 minutes ago	<a href="#">Update .gitlab-ci.yml file,3</a> <a href="#">#1669360850</a> <a href="#">main2</a> <a href="#">11ea2662</a>			

latest yamll invalid  
error

- ☐ [All 1](#)
- ☐ [Active](#)
- ☐ [Inactive](#)

Description (Click to sort ascending)	Interval	Target (Click to sort ascending)	Last Pipel e	Next Run (Click to sort ascending)	Own er
engineering	28 1 * * *				Pacific/Pago_Pago

1. [thesis-honor-degre-engineering-and-education-technologie](#)
- 2.
- 2.

# thesis-honor-degre-engineering-and-education-technologie



[Update .gitlab-ci.yml file](#)

[Kananga5](#) authored 2 minutes ago

bb368b4c

Name	Last commit	Last update
<a href="#">.gitlab-ci.yml</a>	<a href="#">Update .gitlab-ci.yml file</a>	2 minutes ago
<a href="#">README.md</a>	<a href="#">Initial commit</a>	1 week ago
<a href="#">README.md</a>		

# thesis honor degree engineering and education technologie

## Getting started

To make it easy for you to get started with GitLab, here's a list of recommended next steps.

Already a pro? Just edit this README.md and make it your own. Want to make it easy? [Use the template at the bottom!](#)

## Add your files

- ☐
- [Create](#) or [upload](#) files
- ☐
- [Add files using the command line](#) or push an existing Git repository with the following command:

```
cd existing_repo
git remote add origin https://gitlab.com/engineering-tshingombe/thesis-honor-degree-engineering-and-education-technologie.git
git branch -M main
git push -uf origin main
```

## Integrate with your tools

- ☐
- [Set up project integrations](#)

## Collaborate with your team

- ☐
- [Invite team members and collaborators](#)
- ☐
- [Create a new merge request](#)
- ☐
- [Automatically close issues from merge requests](#)
- ☐
- [Enable merge request approvals](#)
- ☐
- [Set auto-merge](#)

## Test and Deploy

Use the built-in continuous integration in GitLab.

- ☐
  - [Get started with GitLab CI/CD](#)
  - ☐
  - [Analyze your code for known vulnerabilities with Static Application Security Testing \(SAST\)](#)
  - ☐
  - [Deploy to Kubernetes, Amazon EC2, or Amazon ECS using Auto Deploy](#)
  - ☐
  - [Use pull-based deployments for improved Kubernetes management](#)
  - ☐
  - [Set up protected environments](#)
- 

## Editing this README

When you're ready to make this README your own, just edit this file and use the handy template below (or feel free to structure it however you want - this is just a starting point!). Thanks to [makeareadme.com](https://makeareadme.com) for this template.

## Suggestions for a good README

Every project is different, so consider which of these sections apply to yours. The sections used in the template are suggestions for most open source projects. Also keep in mind that while a README can be too long and detailed, too long is better than too short. If you think your README is too long, consider utilizing another form of documentation rather than cutting out information.

### Name

Choose a self-explaining name for your project.

### Description

Let people know what your project can do specifically. Provide context and add a link to any reference visitors might be unfamiliar with. A list of Features or a Background subsection can also be added here. If there are alternatives to your project, this is a good place to list differentiating factors.

## Badges

On some READMEs, you may see small images that convey metadata, such as whether or not all the tests are passing for the project. You can use Shields to add some to your README. Many services also have instructions for adding a badge.

## Visuals

Depending on what you are making, it can be a good idea to include screenshots or even a video (you'll frequently see GIFs rather than actual videos). Tools like ttygif can help, but check out Asciinema for a more sophisticated method.

## Installation

Within a particular ecosystem, there may be a common way of installing things, such as using Yarn, NuGet, or Homebrew. However, consider the possibility that whoever is reading your README is a novice and would like more guidance. Listing specific steps helps remove ambiguity and gets people to using your project as quickly as possible. If it only runs in a specific context like a particular programming language version or operating system or has dependencies that have to be installed manually, also add a Requirements subsection.

## Usage

Use examples liberally, and show the expected output if you can. It's helpful to have inline the smallest example of usage that you can demonstrate, while providing links to more sophisticated examples if they are too long to reasonably include in the README.

## Support

Tell people where they can go to for help. It can be any combination of an issue tracker, a chat room, an email address, etc.

## Roadmap

If you have ideas for releases in the future, it is a good idea to list them in the README.

## Contributing

State if you are open to contributions and what your requirements are for accepting them.

For people who want to make changes to your project, it's helpful to have some documentation on how to get started. Perhaps there is a script that they should run or some environment variables that they need to set. Make these steps explicit. These instructions could also be useful to your future self.

You can also document commands to lint the code or run tests. These steps help to ensure high code quality and reduce the likelihood that the changes inadvertently break something. Having instructions for running tests is especially helpful if it requires external setup, such as starting a Selenium server for testing in a browser.

## Authors and acknowledgment

Show your appreciation to those who have contributed to the project.

## License

For open source projects, say how it is licensed.

## Project status

If you have run out of energy or time for your project, put a note at the top of the README saying that development has slowed down or stopped completely. Someone may choose to fork your project or volunteer to step in as a maintainer or owner, allowing your project to keep going. You can also make an explicit request for m

- [Kananga5](#)
- [Curriculum-section-1-1.1-Thesis.-Degree-honor-council-quality-rules-low-become-ju](#)
- 

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## Files



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- 

.github

- 

workflows

- 



☐ azure-webapps-node.yml

☐ ☐ blank.yml


☐ ☐ generator-generic-ossf-slsa3-publish.yml

☐ ☐ ibm.yml

☐ ☐ mdbook.yml

-  

static.yml

  EXTENSION E-MAIL.pdf

  FUNDING.yml

  FormSubmission-request-ip-licencemip-67-25-0100-000.pdf



  Request for extension of visa template - Amended.docx



  SBIR-STTR Submitted Project Pitch.pdf

  Weekly Office Schedule.docx

  course ciriculum total course thesis alumine.docx

  e

  report1738657689944.xls

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report1738657922688.xls

  .gitignore

  LICENSE

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README.md

1. [Curriculum-section-1-1.1-Thesis.-Degree-honor-council-quality-rules-low-become-ju](#)
2. [/.github](#)

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## workflows

/

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[Create mdbook.ymleng](#)

[0bebd64](#) · Feb 13, 2025

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<a href="#">azure-webapps-node.yml</a>	<a href="#">Create azure-webapps-node.yml.tshing</a>	Jan 30, 2025
<a href="#">blank.yml</a>	<a href="#">Create blank.yml.engin</a>	Jan 30, 2025
<a href="#">generator-generic-ossf-slsa3-publish.yml</a>	<a href="#">Create generator-generic-ossf-slsa3-publish.ymlen</a>	Feb 4, 2025
<a href="#">ibm.yml</a>	<a href="#">Create ibm.yml.tshing</a>	Jan 30, 2025
<a href="#">mdbook.yml</a>	<a href="#">Create mdbook.ymleng</a>	Feb 13, 2025
<a href="#">static.yml</a>	<a href="#">Create static.yml</a>	

1 file changed

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-0

lines changed



## Customizable line height

The default line height has been increased for improved accessibility. You can choose to enable a more compact line height from the view settings menu.

[.github/workflows/azure-webapps-node.yml](#)

+78

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Original file line number	Diff line number	Diff line change
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@@ -0,0 +1,78 @@

# This workflow will build and push a node.js application to an Azure Web App when a commit is pushed to your default branch.

#

# This workflow assumes you have already created the target Azure App Service web app.

# For instructions see

<https://docs.microsoft.com/en-us/azure/app-service/quickstart-nodejs?tabs=linux&pivots=development-environment-cli>

#

# To configure this workflow:

#

# 1. Download the Publish Profile for your Azure Web App. You can download this file from the Overview page of your Web App in the Azure Portal.

# For more information:

<https://docs.microsoft.com/en-us/azure/app-service/deploy-github-actions?tabs=applevel#generate-deployment-credentials>

#

# 2. Create a secret in your repository named AZURE\_WEBAPP\_PUBLISH\_PROFILE, paste the publish profile contents as the value of the secret.

# For instructions on obtaining the publish profile see:

<https://docs.microsoft.com/azure/app-service/deploy-github-actions#configure-the-github-secret>

#

# 3. Change the value for the AZURE\_WEBAPP\_NAME. Optionally, change the AZURE\_WEBAPP\_PACKAGE\_PATH and NODE\_VERSION environment variables below.

#

# For more information on GitHub Actions for Azure:

<https://github.com/Azure/Actions>

# For more information on the Azure Web Apps Deploy action:

<https://github.com/Azure/webapps-deploy>

# For more samples to get started with GitHub Action workflows to deploy to Azure: <https://github.com/Azure/actions-workflow-samples>

on:

push:

branches: [ "main" ]

workflow\_dispatch:

```
env:
  AZURE_WEBAPP_NAME: your-app-name # set this to your application's name
  AZURE_WEBAPP_PACKAGE_PATH: '.' # set this to the path to your web app
  project, defaults to the repository root
  NODE_VERSION: '20.x' # set this to the node version to use
permissions:
  contents: read
jobs:
  build:
    runs-on: ubuntu-latest
    steps:
      - uses: actions/checkout@v4
      - name: Set up Node.js
        uses: actions/setup-node@v4
        with:
          node-version: ${{ env.NODE_VERSION }}
        cache: 'npm'
      - name: npm install, build, and test
        run: |
          npm install
          npm run build --if-present
          npm run test --if-present
      - name: Upload artifact for deployment job
        uses: actions/upload-artifact@v4
        with:
          name: node-app
          path: .
        deploy:
          permissions:
            contents: none
          runs-on: ubuntu-latest
          needs: build
```

```
environment:
name: 'Development'
url: ${ steps.deploy-to-webapp.outputs.webapp-url }
steps:
- name: Download artifact from build job
uses: actions/download-artifact@v4
with:
name: node-app
- name: 'Deploy to Azure WebApp'
id: deploy-to-webapp
uses: azure/webapps-deploy@v2
with:
app-name: ${ env.AZURE_WEBAPP_NAME }
publish-profile: ${ secrets.AZURE_WEBAPP_PUBLISH_PROFILE }
package: ${ env.AZURE_WEBAPP_PACKAGE_PATH }
# This is a basic workflow to help you get started with Actions
```

```
name: CI
```

```
# Controls when the workflow will run
```

```
on:
```

```
  # Triggers the workflow on push or pull request events but only for the
  "main" branch
```

```
  push:
```

```
    branches: [ "main" ]
```

```
  pull_request:
```

```
    branches: [ "main" ]
```

```
# Allows you to run this workflow manually from the Actions tab
```

```
workflow_dispatch:
```

# A workflow run is made up of one or more jobs that can run sequentially or in parallel

jobs:

# This workflow contains a single job called "build"

build:

# The type of runner that the job will run on

runs-on: ubuntu-latest

# Steps represent a sequence of tasks that will be executed as part of the job

steps:

# Checks-out your repository under \$GITHUB\_WORKSPACE, so your job can access it

- uses: actions/checkout@v4

# Runs a single command using the runners shell

- name: Run a one-line script

run: echo Hello, world!

# Runs a set of commands using the runners shell

- name: Run a multi-line script

run: |  
 echo Add other actions to build,  
 echo test, and deploy your project.

# This workflow uses actions that are not certified by GitHub.

# They are provided by a third-party and are governed by

# separate terms of service, privacy policy, and support

# documentation.

```
# This workflow lets you generate SLSA provenance file for your project.  
# The generation satisfies level 3 for the provenance requirements - see  
https://slsa.dev/spec/v0.1/requirements  
# The project is an initiative of the OpenSSF (openssf.org) and is developed  
at  
# https://github.com/slsa-framework/slsa-github-generator.  
# The provenance file can be verified using https://github.com/slsa-  
framework/slsa-verifier.  
# For more information about SLSA and how it improves the supply-chain,  
visit slsa.dev.
```

```
name: SLSA generic generator
```

```
on:
```

```
  workflow_dispatch:
```

```
  release:
```

```
    types: [created]
```

```
jobs:
```

```
  build:
```

```
    runs-on: ubuntu-latest
```

```
    outputs:
```

```
      digests: ${ { steps.hash.outputs.digests } }
```

```
  steps:
```

```
    - uses: actions/checkout@v4
```

```
  #
```

```
=====
```

```

#
# Step 1: Build your artifacts.
#
#
=====
=====

- name: Build artifacts
  run: |
    # These are some amazing artifacts.
    echo "artifact1" > artifact1
    echo "artifact2" > artifact2


#
=====
=====

#
# Step 2: Add a step to generate the provenance subjects
#   as shown below. Update the sha256 sum arguments
#   to include all binaries that you generate
#   provenance for.
#
#
=====
=====

- name: Generate subject for provenance
  id: hash
  run: |
    set -euo pipefail

    # List the artifacts the provenance will refer to.

```

```

    files=$(ls artifact*)
    # Generate the subjects (base64 encoded).
    echo "hashes=$(sha256sum $files | base64 -w0)" >> "${GITHUB_OUTPUT}"

provenance:
  needs: [build]
  permissions:
    actions: read # To read the workflow path.
    id-token: write # To sign the provenance.
    contents: write # To add assets to a release.
  uses:
    slsa-framework/slsa-github-generator/.github/workflows/generator_generic_slsa3.yml@v1.4.0
  with:
    base64-subjects: "${{ needs.build.outputs.digests }}"
    upload-assets: true # Optional: Upload to a new release
# Sample workflow for building and deploying a mdBook site to GitHub Pages
#
# To get started with mdBook see:
# https://rust-lang.github.io/mdBook/index.html
#
name: Deploy mdBook site to Pages

on:
  # Runs on pushes targeting the default branch
  push:
    branches: ["main"]

```



```
# Allows you to run this workflow manually from the Actions tab
workflow_dispatch:
```

```
# Sets permissions of the GITHUB_TOKEN to allow deployment to GitHub
Pages
```

```
permissions:
```

```
  contents: read
```

```
  pages: write
```

```
  id-token: write
```

```
# Allow only one concurrent deployment, skipping runs queued between the
run in-progress and latest queued.
```

```
# However, do NOT cancel in-progress runs as we want to allow these
production deployments to complete.
```

```
concurrency:
```

```
  group: "pages"
```

```
  cancel-in-progress: false
```

```
jobs:
```

```
  # Build job
```

```
  build:
```

```
    runs-on: ubuntu-latest
```

```
    env:
```

```
      MDBOOK_VERSION: 0.4.36
```

```
    steps:
```

```
      - uses: actions/checkout@v4
```

```
      - name: Install mdBook
```

```
      run: |
```

```
        curl --proto '=https' --tlsv1.2 https://sh.rustup.rs -sSf -y | sh
```

```
    rustup update
    cargo install --version ${MDBOOK_VERSION} mdbook
- name: Setup Pages
  id: pages
  uses: actions/configure-pages@v5
- name: Build with mdBook
  run: mdbook build
- name: Upload artifact
  uses: actions/upload-pages-artifact@v3
  with:
    path: ./book
```

# Deployment job

deploy:

environment:

name: github-pages

url: \${ steps.deployment.outputs.page\_url }

runs-on: ubuntu-latest

needs: build

steps:

- name: Deploy to GitHub Pages

id: deployment

uses: actions/deploy-pages@v4

@Kananga5's untitled project

[Backlog](#)

[Team capacity](#)

[Current iteration](#)

[Roadmap](#)

[My items](#)

[View 6](#)

thesis

0 (0) matching items

## Todo

0 / 5 (0 / 5)

Estimate: 0

This item hasn't been started

## In Progress

0 / 5 (0 / 5)

Estimate: 0

This is actively being worked on

## Done

0 (0)

Estimate: 0

This has been completed